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6201
Diggs & Beadles
INCORPORATED.

Superior
SEEDS

TESTED AND TRUE

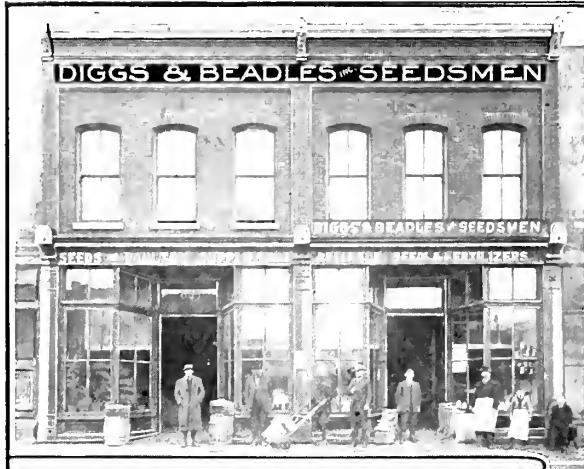
1915

D & B's
SUPERB PANSIES

GENERAL STORE AND OFFICE 1428 E. MAIN STREET.
BRANCH STORE AND WAREHOUSE 1711 E. FRANKLIN ST.
BRANCH STORE (UPTOWN) 603 AND 605 E. MARSHALL ST.

Richmond, Va.

D. & B.'S TESTED SEEDS



OUR UP-TOWN BRANCH STORE
603-605 E. MARSHALL STREET



OUR HEADQUARTERS
MAIN STORE AND
OFFICE

1428
E. MAIN
STREET



OUR DOWN-TOWN BRANCH STORE
1711 E. FRANKLIN ST.

CONNECTING IN REAR WITH OUR
LARGE NEW 4 FLOOR WAREHOUSE

OUR VARIOUS STORES AND WAREHOUSES FROM WHICH DIGGS & BEADLES' SUPERIOR SEEDS, TESTED AND TRUE, ARE DISTRIBUTED TO OUR MANY CUSTOMERS.



To Our Friends and Customers:

It is our pleasure to present you with our annual catalogue, and to announce that again our business has shown a remarkable increase over any previous year. This despite the general depression in business throughout the country, is, we think, just cause for congratulation.

We attribute our continuous growth and success to the liberal patronage and influence accorded us by our friends and customers, who fully realize the high quality of our Seeds, and the high standard on which we conduct our business. Therefore with thanks to our old friends, and greetings to our new ones, we will endeavor to maintain and, if possible, improve the high quality of our Seeds and service for 1915.

We wish to thank you for your patronage and influence, and earnestly solicit its continuance, promising on our part, every consideration and courtesy in serving you.

To those who may receive this catalogue, and have never used our Seeds, we ask that you send us a trial order. We are sure you will be pleased with our goods, and it will certainly be our pleasure to serve you.

With the wish that your measure of happiness and prosperity may be large and full to overflowing throughout the New Year, we remain,

Most cordially yours,

DIGGS & BEADLES, Inc.

Richmond, Va., January 1, 1915.

OUR BUSINESS GROWS.

Founded December 1st, 1902

1903

1904 124% Inc.
over 1903.

1905 20% Increase
over 1904.

1906 36% Increase over 1905.

1907 35% Increase over 1906.

1908 28% Increase over 1907.

1909 38% Increase over 1908.

1910 19% Increase over 1909.

1911 13% Increase over 1910.

1912 20% Increase over 1911.

1913 10½% Increase over 1912.

1914 10¾% Increase Over 1913.

Moral: Good Seeds and Square Dealing Grow Good Business.

To Our Correspondents--Important Notes and Suggestions

How to Send Money—Remittances should be made either in the form of an Express Money Order, P. O. Money Order, Bank Draft or Registered Letter. 1c and 2c postage stamps will be accepted for small amounts, provided they are carefully wrapped, so as to prevent sticking.

Be Sure to Give Full Name and Address with each order. Every season we get a number of orders without name of sender or Post Office, and the postmark on the envelope is often too obscure to be made out. There is no way of finding out who the senders are; consequently we are blamed, whereas the fault is their own entirely. We therefore beg our correspondents to **write their full name and address on each order**.

We prefer written orders, but when orders are given by telephone, they are accepted as understood, and at the risk of the purchaser, in case of misunderstanding in transmitting telephone orders.

Seeds by Mail—Since our last catalogue was printed, all Seeds, Bulbs, and Plants have been admitted to the Parcel Post rate of postage, and are now mailable at the same rate of postage as other merchandise. For full information and Parcel Post rates, see page 3. **Remember**, however, that we pay the postage on all packets, ounces and one-quarter pounds at the price quoted in this catalogue.

Seeds by Express—Express rates have also been materially reduced since issuing our last catalogue, and on the average, express rates are now lower than Parcel Post rates to points beyond the third Zone, and when practical, we would advise customers to order goods shipped by Express, as it is far more satisfactory, quicker and safer. Goods ordered C. O. D. by Express must have 25 per cent. of the amount accompany the order. We do not make shipments by Freight C. O. D. to points where there is no bank.

Orders from Unknown Correspondents—We often receive orders from unknown correspondents saying ship goods and "Check will be mailed." You can readily see that this is impracticable, as we could not afford to establish such a precedent. Please do not ask us to do this unless established credit has been previously arranged with us, as satisfactory business references must always be given by customers wishing to open accounts for credit. You run no risk in sending cash with your order. Our reputation as honest and experienced Seedsmen is well known, while our financial responsibility can be learned from any Bank, Trust Company, or Wholesale Merchants, who are subscribers to either of the Commercial Agencies.

We Make No Charge for Drayage or delivery of goods to any railroad station, steamship line or express office in Richmond city proper. Railroad depots in Richmond close at 4:30 P. M., and on Saturdays at 2 P. M. Cotton sacks are charged for at cost. 2½-bushel cotton sacks are 22 cts. each. All grass seed bags, excepting bags for Timothy, Herbs Grass, Millets and Clover, are furnished without charge.

Remember—Our packets of seed are large and well filled, and should not be confused with the 2½ cts. and 3 cts. size packets sold by some dealers.

Errors—Our firm with its money invested, its success and reputation at stake, could not permit an error to stand uncorrected. We exercise the greatest care to prevent errors, but human hands and minds must be depended upon which are not infallible, and mails will miscarry, but please remember this, that the complete satisfaction of our customers is our first wish, and if an error is made we are more anxious to correct it than you could be to have us do so, and an opportunity to make restitution is always sincerely appreciated.

It is always very gratifying to us to get a word of praise relative to our Seeds. If you are pleased with them and the handling of your orders, tell us so, if not, tell us anyway, it will be a great help to us.

Prices on Field Seeds, Onion Sets and Potatoes are constantly fluctuating. The prices given in this catalogue are those ruling January 10, 1915. But they are not binding, and may change at any time. We will cheerfully quote prices at any time on request, and we will always fill open orders entrusted to us at the lowest prices possible for our best quality seeds. It frequently occurs that the prices of articles may have changed between the time our catalogue is printed and receipt of orders. When such is the case on paid orders, if the article ordered is cheaper, we will send the value of such articles at the ruling prices. If the articles are higher we will deduct the quantity to meet the amount of remittances. We do this to save the delay of correspondence. **But in case you wish to limit your price, please so state on your order**, otherwise we will fill your order as we think best.

About Warranting Seeds—We exercise the greatest possible care in growing, buying, examining and testing our Seeds, and we try in every department of the business to guard against mistakes and insure reliability. We now have an up-to-date laboratory for accurate and systematic seed-testing, and our customers can rest assured that all Seeds purchased from us have been thoroughly and carefully tested, and under ordinary conditions and with proper cultivation will certainly grow good crops, yet no Seedsman can, or ever does in good faith, assume any responsibility for crops grown from Seeds supplied by them, there being too many causes known and unknown which prevent good seeds from germinating. Therefore, in common with all responsible seed houses, we sell our goods subject to the following, and all orders sent us will be accepted under these conditions only: Diggs & Beadles, Inc., give no warranty, express or implied, as to growth, description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants they send out, and they will not be responsible for the crop.



For Index See Page 61.

Parcel Post Zone Map with Rates of Postage



Poisons and Liquids Cannot be Sent by Parcel Post

Since our last catalogue was issued, Seeds, Bulbs and Plants have been admitted to the Parcel Post rate of postage, and are now carried at the same rate as other merchandise, with the exception that packages weighing up to 8 ounces are carried at the rate of 1¢ for each 2 ounces, regardless of distance. Remember, however, that prices quoted in this catalogue on packets, ounces and one-quarter pounds are postpaid, but when larger quantities are ordered sent by mail, add the required postage as per rate table to the left. When pounds are ordered, remit postage for 2 pounds; when 2 pounds are ordered, remit postage for 3 pounds; and so on, as the wrapping of the packages will make it run over the actual weight ordered. When figuring the amount of postage, if in doubt as to the exact amount required, remit even

more than you think necessary, and we will return the amount not needed, as we cannot send packages postage collect, nor charge on our books small amounts due for postage stamps. When ordering pints, remit for postage on 1 pound mailing weight, and for quarts remit for 2 pounds mailing weight. On other articles through the catalogue admitted to Parcel Post and not quoted postpaid, the mailing weight is given, so that the correct amount of postage required can be easily ascertained.

If you are in doubt as to what Zone you are in from Richmond, ask your postmaster. The weight limit in the first and second Zones is 50 pounds; all other zones, 20 pounds.

Poisons and liquids cannot be sent by Parcel Post; these should be ordered sent by express or freight.

With Parcel Post rates now in effect you can easily get our Superior Seeds delivered at your home at most reasonable prices.

Send us your order.

Pounds	Local	1st and 2d Zone Rate is the same, 1 to 150 miles	3d Zone, 150 to 300 miles	4th Zone, 300 to 600 miles	5th Zone, 600 to 1,000 miles	6th Zone, 1,000 to 1,400 miles	7th Zone, 1,400 to 1,800 miles	8th Zone, all over 1,800 mi.
1	\$.05	\$.05	\$.06	\$.07	\$.08	\$.09	\$.11	\$.12
2	.06	.06	.08	.11	.14	.17	.21	.24
3	.06	.07	.10	.15	.20	.25	.31	.36
4	.07	.08	.12	.19	.26	.33	.41	.48
5	.07	.09	.14	.23	.32	.41	.51	.60
6	.08	.10	.16	.27	.38	.49	.61	.72
7	.08	.11	.18	.31	.44	.57	.71	.84
8	.09	.12	.20	.35	.50	.65	.81	.96
9	.09	.13	.22	.39	.56	.73	.91	1.08
10	.10	.14	.24	.43	.62	.81	1.01	1.20
11	.10	.15	.26	.47	.68	.89	1.11	1.32
12	.11	.16	.28	.51	.74	.97	1.21	1.44
13	.11	.17	.30	.55	.80	1.05	1.31	1.56
14	.12	.18	.32	.59	.86	1.13	1.41	1.68
15	.12	.19	.34	.63	.92	1.21	1.51	1.80
16	.13	.20	.36	.67	.98	1.29	1.61	1.92
17	.13	.21	.38	.71	1.04	1.37	1.71	2.04
18	.14	.22	.40	.75	1.10	1.45	1.81	2.16
19	.14	.23	.42	.79	1.16	1.53	1.91	2.28
20	.15	.24	.44	.83	1.22	1.61	2.01	2.40
21	.15	.25						
22	.16	.26						
23	.16	.27						
24	.17	.28						
25	.17	.29						
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37	.23	.41						
38	.24	.42						
39	.24	.43						
40	.25	.44						
41	.25	.45						
42	.26	.46						
43	.26	.47						
44	.27	.48						
45	.27	.49						
46	.28	.50						
47	.28	.51						
48	.29	.52						
49	.29	.53						
50	.30	.54						

FARM AND GARDEN CALENDAR

MONTHLY OPERATIONS FOR THE FARM AND GARDEN FOR THE DIFFERENT MONTHS OF THE YEAR. WHEN AND WHAT TO SOW.

JANUARY.

Send us your order for Garden Seed. If your hotbeds have not already been prepared, attend to them at once, and sow Cabbage, Lettuce, Beets, Radish, Cauliflower and Onions. Sow hardy Flower Seed in hotbeds for early blooming. Secure manure and cut pea and bean poles. Top-dress grain and grass fields.

FEBRUARY.

Continue top-dressing Grain and Grass fields. Sow in hotbeds or cold frames Cabbage, Lettuce, Beets, Radish, Cauliflower, Onions, Tomato, Egg Plant and Pepper. Latter part of the month sow in open ground Spring Kale, Beets, Spinach, Carrots, Celery, Radish, Parsley, and Early Peas. Put out Asparagus, Horse Radish, and Rhubarb Roots, Onion Sets, hardy Lettuce and Cabbage Plants. Plant Irish Potatoes on high, well-drained soil. Sow Tobacco Seed, Winter Oats, Canada Field Peas, Grass and Clover Seeds.

MARCH.

Sow under glass—Tomato, Pepper, Egg Plant, and Flower Seed. Sow outside—Garden Peas, Cauliflower, Cabbage, Lettuce, Beets, Radish, Parsley, Parsnip, Salsify, Carrots, Celery, Asparagus and Onions. Sow Herb Seed in warm borders. Plant Onion Sets, Irish Potatoes, Asparagus, Rhubarb and Horse Radish Roots, Transplant Early Cabbage, Lettuce and Cauliflower plants. Sow Dwarf Essex Rape, Canada Field Peas, Winter and Spring Oats, Grass and Clover Seed. Plant Artichokes for hogs.

APRIL.

Finish sowing Canada Field Peas, Oats, Grass and Clover Seed, Plant Irish Potatoes and Artichokes. Bed Sweet Potatoes. Set out Asparagus, Rhubarb and Onions. Sow Cabbage, Lettuce and Tomatoes in open ground for succession. Sow Beets, Carrots, Celery, Radish, Salsify, Parsnip, Parsley, Spring Kale, Herbs, Mangel Wurzels. Set out Cabbage, Lettuce, Onions, and Beet Plants. Sow hardy Flower Seed outside. Plant Early Corn, Garden Peas, Snap Beans. Later in the month plant Cucumbers, Melons, Squash and Peanuts, if weather is favorable.

MAY.

Finish planting early vegetables that were omitted last month. Plant all varieties of Dwarf and Pole Beans, Black-Eye Peas, Cantaloupes, and Watermelons, Cucumber, Squash, Okra, Pumpkin and Stock Beets. Sow Tomato and Cabbage Seed for late crop. Set out Tobacco, Cabbage, Lettuce, Cauliflower, Tomato, Egg Plants, Pepper and Sweet Potato Plants. Sow Flower Seed and plant Flowering Bulbs. Plant Sugar and Field Corns, Peanuts and Cotton. Sow Sorghum, Millet, Cow Peas, and all Fodder Plants.

JUNE.

Sow Tomato and Cabbage for late crop. Plant Watermelons, Cantaloupes, Cucumbers, Squash and Pumpkin, Dwarf and Pole Beans, Stock Beets. Sow Millet, Sorghum, Soja Beans and Fodder Plants.

JULY.

For succession, plant Snap Beans, Sugar Corn and Dwarf Lima Beans. Plant Cucumbers for Pickles and Potatoes for late crops. Sow Rutabagas and Turnips. Set out Cabbage and Celery plants. Sow Black-Eye and Cow Peas, Soja Beans, Buckwheat and Millet.

AUGUST.

This is the best month for sowing Turnip, Rutabagas and Winter Radish. Sow Spinach, Kale, Lettuce, Endive and Corn Salad. Sow Snap Beans, and Peas for late crop. Sow Crimson Clover, Vetch, Rape, Winter Oats, Rye and Barley for winter grazing. Set out Celery, Lettuce and Cabbage Plants; also put out Onion Sets.

SEPTEMBER.

Sow Lettuce, Early Cabbage and Cauliflower for transplanting. Transplant Lettuce, Cabbage and Celery. Set out Onions, Sow Turnips, Kale, Spinach, Winter Radish, Corn Salad and Endive. Sow Lawn Grass and all varieties of Grasses and Clovers. Sow Winter Oats, Rye, Barley, Rape and Sand Vetch.

OCTOBER.

Finish sowing Cabbage, Lettuce, Turnips for Salad, Kale and Spinach. Sow Lawn Grass Seed. Plant Hyacinths, Tulips and Flowering Bulbs for spring blooming. Finish sowing all varieties of Grass and Clover Seed. Sow Dwarf Essex Rape, Sand Vetch, Oats, Wheat, Rye and Barley.

NOVEMBER.

Set out Cabbage, Lettuce, Strawberry Plants and Asparagus Roots. Plant all kinds of Flowering Bulbs for spring blooming. This is the best month for setting out Fruit and Shade Trees. Finish sowing all varieties of Grain and Grass as early in the month as possible. Sow Canada Field Peas.

DECEMBER.

Early in the month, plant Irish Potatoes and Canada Field Peas, but plant them deep. Cabbage, Radish, Lettuce and Beets can be sown in hotbeds.

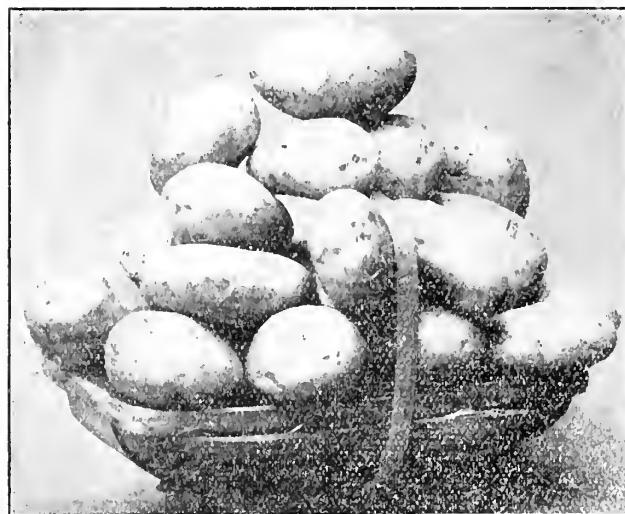
Planting, Maturity and Weight Table

This is for field planting, and where plants and roots are stated, it is necessary to have them ready beforehand. The third column indicates the distance that the plants should stand in the rows, and where seed is sown they should be thinned out to this distance. The fifth column indicates maturity from the time plants are planted in the field, or seeds are sown in the field. Also note that the last column is the approximate weight of seeds and not products. Time of planting and maturity is for latitude of Richmond.

VARIETY.	Time to Sow or Plant.	Distance of Rows Apart.	Distance of Plants in Rows.	Quantity to Sow or Plant Per Acre.	Ready to Use.	No. of lbs. of Seed Per Bu.
Artichokes—Tubers.	Mch. and Apr.	3 ft.	18 in.	6 to 8 bus.	Oct.	50 lbs.
Asparagus—Seed.	Mch. and Apr.	18 in.	4 in.	8 to 10 lbs.	3 years	60 lbs.
Asparagus—Roots.	Feb., Mch. and Nov.	6 to 8 ft.	12 to 15 in.	4,000 to 7,000	2 years	-----
Beans—Dwarf Snap.	Apr. to Sept.	2½ to 3 ft.	3 to 6 in.	1 bu.	8 weeks	60 lbs.
Beans—Dwarf Lima.	May June and July	3 ft.	18 in. to 2 ft.	¾ to ½ bu.	10 weeks	60 lbs.
Beans—Pole.	May and June	4 ft.	3 ft.	1 Peck	10 weeks	60 lbs.
Beans—Navy.	June and July	2½ to 3 ft.	12 in.	¼ to ½ bu.	Oct.	60 lbs.
Beans—Soja (In drills).	May and June	3 ft.	6 to 12 in.	½ bu.	Sept.	60 lbs.
Beans—Soja.	May and June	Broadcast	Broadcast	1 to 1½ bu.	Sept.	60 lbs.
Barley.	Aug. to Nov.	Broadcast	Broadcast	1 to 1½ bu.	June	48 lbs.
Beets—Table.	Feb. to Aug.	1½ to 2 ft.	4 in.	6 to 8 lbs.	2 Months	20 lbs.
Beets—Stock.	Apr., May, June	2½ to 3 ft.	6 in.	5 to 6 lbs.	Oct.	20 lbs.
Buckwheat.	June to Aug. 15th	Broadcast	Broadcast	¾ to 1 bu.	Oct.	48 lbs.
Cabbage Seed—(Early).	Feb., Mch.	Broadcast	Broadcast	8 ozs.	May, June, July	54 lbs.
Cabbage Seed—(Late).	Apr. and Sept.	Broadcast	Broadcast	6 ozs.	Oct. and Nov.	54 lbs.
Cabbage Plants—(Early).	May, June, July	Broadcast	18 in.	8,000 to 10,000	May, June, July	-----
Cabbage Plants—(Late).	Mch., April, Nov.	3 ft.	2 to 3 ft.	6,000 to 8,000	Oct. and Nov.	-----
Carrot.	July and Aug.	3 to 3½ ft.	3 to 4 in.	3 to 4 lbs.	60 days	28 lbs.
Celery—Seed.	Mch. to June	2 ft.	2 to 4 in.	3 lbs.	Nov.	37 lbs.
Celery—Plants.	Feb., and Mch.	1½ to 2 ft.	6 to 12 in.	15,000 to 25,000	Nov.	-----
Clover—Red and Mammoth.	July to Nov. 1	Broadcast	Broadcast	10 to 12 lbs.	June of next year	60 lbs.
Clover—Alsike.	Feb., Mch. and July to Nov. 1	Broadcast	Broadcast	8 to 10 lbs.	June of next year	60 lbs.
Clover—Alfalfa.	Feb., Mch. and Aug. to Nov. 1	Broadcast	Broadcast	25 lbs.	May of next year	60 lbs.
Clover—Crimson.	July to Nov.	Broadcast	Broadcast	20 lbs.	May of next year	60 lbs.
Corn—Garden.	Apr. to July 10	3 to 3½ ft.	12 to 18 in.	4 to 8 qts.	2 to 3 months	44 to 56
Corn—Field (drills).	Apr. to July 1	3½ to 4½ ft.	12 to 18 in.	6 to 8 qts.	4 months	56 lbs.
Corn—Field (checked).	Apr. to July 1	3½ to 4 ft.	3 to 4 ft.	4 to 6 qts.	3 to 4 months	56 lbs.
Cucumber.	Apr. to 5 ft.	4 to 5 ft.	2 ft.	2 to 3 lbs.	2½ months	40 lbs.
Egg Plant—Seed.	Feb., and Mch.	Broadcast	3 ft.	6 ozs.	3 to 4 months	40 lbs.
Egg Plants.	May and June	Broadcast	3 ft.	5,000 to 6,000	60 days	-----
Grass Seed—(Light).	Feb. to Apr. 10	Broadcast	Broadcast	2 bus.	June of next year	14 lbs.
Grass Seed—(Timothy).	*Feb. and Mch.	Broadcast	Broadcast	15 lbs.	July of next year	45 lbs.
Grass Seed—(Lawn).	*Feb. and Mch.	Broadcast	Broadcast	60 to 80 lbs.	8 to 10 weeks	20 lbs.
Kale—Spring.	*Feb. to May 1	Broadcast	Broadcast	8 to 10 lbs.	4 to 6 weeks	56 lbs.
Kale—Winter.	Aug. to Nov.	Broadcast	Broadcast	3 to 4 lbs.	Nov.	54 lbs.
Lettuce—Seed.	Feb. to May	Broadcast	Broadcast	1 lb.	2 to 3 months	35 lbs.
Lettuce—Plants.	Feb. to June and Aug. to Nov.	18 to 24 in.	8 to 12 in.	20,000 to 40,000	2 months	-----
Muskmeion or Cantaloupe.	May and June	4 to 6 ft.	4 to 6 ft.	2 lbs.	2½ to 3 months	32 lbs.
Melon—Water.	May and June	8 to 10 ft.	8 to 10 ft.	2 lbs.	3 months	32 lbs.
Millet—German.	May to Aug. 1	Broadcast	Broadcast	1 to 1½ bus.	60 days	50 lbs.
Oats—Spring.	Mch. and Apr.	Broadcast	Broadcast	1½ to 2 bus.	July 1st	32 lbs.
Oats—Winter.	Aug., Sept., Oct.	Broadcast	Broadcast	2 bus.	Jun. 20 to July 1	32 lbs.
Okra.	Apr. and May	2½ to 3 ft.	8 to 10 in.	8 to 10 bus.	60 days	48 lbs.
Onions—For large bulbs.	Mch. and Apr.	15 to 24 in.	3 in.	4 to 5 lbs.	July and Aug.	40 lbs.
Onions—For sets.	Mch. and Apr.	12 to 18 in.	12 to 18 in.	30 to 40 lbs.	July and Aug.	40 lbs.
Onion—Sets.	Feb. to May and Sep. and Oct.	18 to 24 in.	4 in.	5 to 10 bus.	May and June	32 lbs.
Parsnips.	Mch. and Apr.	1½ to 2 ft.	4 in.	5 to 7 lbs.	Oct.	18 lbs.
Peanuts.	May and June	3 ft.	15 to 18 in.	1 bu. to 1½ bus.	Nov.	22 lbs.
Peas—Garden Smooth.	Feb. to May	3 ft.	15 to 18 in.	1½ to 2 bus.	8 weeks	60 lbs.
Peas—Garden Wrinkled.	Mch. to May	3 ft.	16 to 18 in.	½ to 2 bus.	8 to 10 weeks	56 lbs.
Peas—Canada Field.	Feb., to May and in Nov.	Broadcast	Broadcast	1½ bus.	June	60 lbs.
Peas—Cow.	May to Aug. 1	Broadcast	Broadcast	½ bus.	3 months	60 lbs.
Pepper—Seed.	Feb. and Mch.	Broadcast	Broadcast	6 oz.	July and Aug.	28 lbs.
Pepper—Plants.	May and June	30 in.	18 in.	10,000 to 14,000	July and Aug.	60 lbs.
Potatoes—Early.	Mch. and Apr.	2½ to 3 ft.	15 to 18 in.	8 to 12 bus.	June and July	60 lbs.
Potatoes—Late.	June and July	2½ to 3 ft.	15 to 18 in.	8 to 12 bus.	Oct. to Nov.	60 lbs.
Potatoes—Sweet, Plants.	May 10, June 15	3 ft.	18 to 24 in.	7,000 to 8,000	Sept.	-----
Pumpkin.	May and June	8 to 10 ft.	8 to 10 ft.	2 lbs.	Oct.	24 lbs.
Radish.	Feb. to May and Aug. and Sept.	Broadcast	Broadcast	20 lbs.	24 to 40 days	50 lbs.
Rape.	Feb. to Oct.	Broadcast	Broadcast	8 to 10 lbs.	6 to 8 weeks	56 lbs.
Rye.	Aug. to Dec.	Broadcast	Broadcast	1 to 1½ bus.	June	56 lbs.
Salsify.	Mch. to May 10	1½ to 2 ft.	3 to 4 in.	6 to 8 lbs.	Oct.	18 lbs.
Sorghum—For Fodder.	May and June	Broadcast	Broadcast	1½ to 2 bus.	Sept. and Oct.	50 lbs.
Sorghum—(In drills).	May and June	3 ft.	4 to 6 in.	1 peck	Nov.	50 lbs.
Spinach—(In drills).	Feb., Mch., Apr. and Aug. to Nov.	15 to 18 in.	2 in.	20 lbs.	60 days	48 lbs.
Spinach—(Broadcast).	Feb., Mch., Apr. and Aug. to Nov.	Broadcast	Broadcast	40 lbs.	60 days	48 lbs.
Squash.	Apr., May, June, July 1 to Sept. 15th	Broadcast	Broadcast	3 lbs.	July	26 lbs.
Teosinte.	May and June	4 ft.	8 to 10 in.	to 5 lbs.	Aug. to Oct.	46 lbs.
Tobacco—Plants.	May and June	3 to 3½ ft.	2 to 3 ft.	4,000 to 5,000	Sept. to Oct.	35 lbs.
Tomato—Seed.	Feb. to June	3 to 4 ft.	Broadcast	6 ozs.	Jun. 20 until Frost	20 lbs.
Tomato—Plants.	May to July	4 ft.	3 to 4 ft.	2,800 to 4,000	Jun. 20 until frost	-----
Turnip.	July 1 to Sept. 15th	2 ft.	4 in.	1 to 1½ bus.	1½ to 2 months	50 lbs.
Turnip—(Broadcast).	July 1 to Sept. 15	Broadcast	Broadcast	2 lbs.	1½ to 2 months	56 lbs.
Vetch—Winter.	Aug. to Nov.	Broadcast	Broadcast	50 lbs.	May of next year	50 lbs.
Wheat.	Sept. to Nov. 15	Broadcast	Broadcast	1 to 2 bus.	June 20	60 lbs.

IRISH POTATOES

GENUINE MAINE GROWN SEED, Bearing Government Inspection Tags



GREEN MOUNTAIN

Owing to the high cost of barrels we quote these Potatoes in heavy 11 peck barrel size sacks.

CULTURE—Irish Potatoes should be planted in the spring, as early as the ground can be prepared, in rich soil; rows 3 feet apart, plants 15 inches apart in row. Manure should be well rotted and mixed with soil to avoid scab. For late crops plant from June to August. We advise the use of sulphur on potatoes when planting. Sprinkle powdered sulphur on the cut tubers, which is a preventive of blight and scab. Many of our largest potato planters always use it, with the best results. One lb. is sufficient for one bushel of potatoes. We can supply this at 8 cts. per lb. Ten lbs. or over at 5 cts. per lb. Barrel prices on application.

D. & B.'S EXTRA EARLY EUREKA.

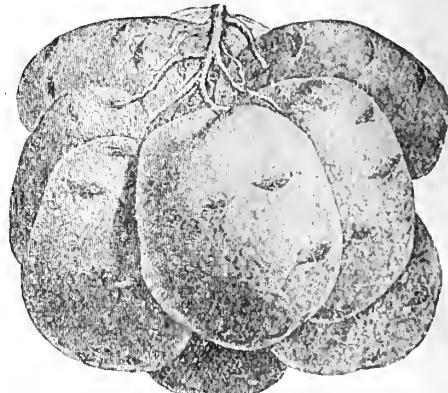
This Extra Early variety is similar in shape and size to the Irish Cobbler, but is much smoother and of far better quality. The firm white flesh is of good flavor when cooked, the skin is of snowy whiteness and the vines resist drought remarkably well. As a first early

potato it is considered by many far better than Irish Cobbler. Potato planters who have grown these potatoes speak of them in the highest praise as a money-maker. Maine grown seed. Pk., 45 cts.; bu., \$1.40; 41 pk. sack, \$3.50.

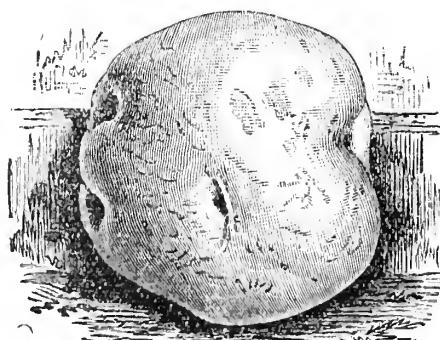
IRISH COBBLER—This is the most popular variety for market gardeners and truckers. It is one of the earliest, and very productive, nearly all of the tubers growing to a large size. Maine grown, pk., 45 cts.; bu., \$1.30; 11 pk. sack, \$3.00.

EXTRA EARLY SUNLIGHT—A beautiful early, pure white Potato of unsurpassed quality and is an abundant yielder on good, light or loamy soil. A most excellent variety for family use. Maine grown; pk., 45 cts.; bu., \$1.35; 11 pk. sack, \$3.25.

HOULTON EARLY ROSE—The old reliable, well-known and popular variety. Our stock of this potato is absolutely true to name, and should not be compared with the cheap Western grown stock. Maine grown. Pk., 45 cts.; bu., \$1.30; per 11 pk. sack, \$3.00.

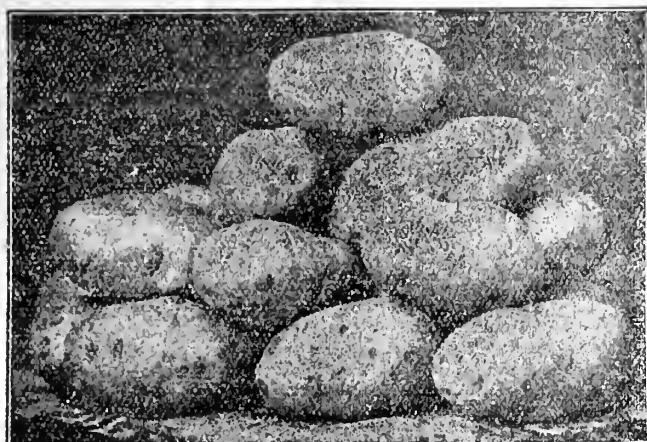


D. & B.'S EXTRA EARLY EUREKA



IRISH COBBLER

POTATOES—Continued.



EARLY SUNLIGHT POTATOES

GREEN MOUNTAIN—A large, handsome, pure white potato, for main or late crop; a prolific yielder and invariably of fine eating quality, cooking dry and mealy. It has largely superseded other varieties for late planting. Is also one of the best varieties for main crop, maturing about 2 weeks later than the Irish Cobbler. We will have a nice stock of this variety on cold storage for planting in July. Present price. Main grown. Pk., 45 cts.; bu., \$1.30; per 11 pk. sack, \$3.00.

VERMONT GOLD COIN—This is a beautiful blush white potato, nearly round. Is a sure cropper and a very productive main crop potato. It is about 10 days later in maturing than the Irish Cobbler, but is a much better keeper, and is also of better quality. Maine grown. Pk., 50 cts.; bu. \$1.35; 11 pk. sack, \$3.50.

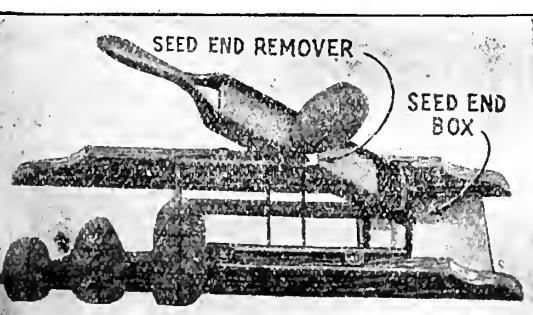
THE SNOW—This main crop potato originated in Maine, and after repeated trials in various sections of the country has proved itself to be of great value on account of its immense yield, together with the fact that it invariably produces very few small potatoes. In shape, it is roundish, slightly flattened eyes on the surface; the skin is well netted. It has no superior as a baking potato. The Snow is just what the markets desire and will bring fancy prices. You will like this Potato; try it. Maine grown. Pk., 50 cts.; bu., \$1.50; 11 pk. sack, \$3.75.

IMPROVED WHITE PEACH BLOW—One of the old standard and popular varieties; very productive, of good quality and a splendid keeper. Recommended only for late planting. Virginia grown. Write for prices in June or July.

COLD STORAGE POTATOES.

We will have a nice stock of different varieties of Seed Potatoes, kept on cold storage for late planting. Write for prices in June or July.

EARLY WHITE ROSE

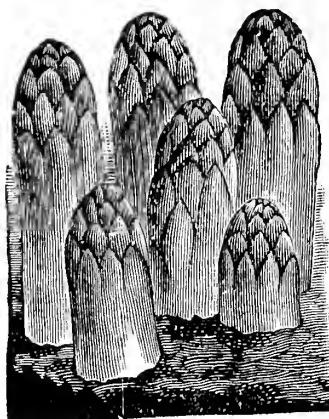


Gem Seed Potato Cutter

The construction of this Potato Cutter is very simple and is built for accuracy as well as convenience. It is strong and durable. The knives are of good quality steel and are fit to grooves in the frame, making them easy to remove if necessary. It will cut any size potato in pieces, thereby assuring more accurate planting when power planting is used. From 6 to 8 bushels can be cut by it in an hour. The time and labor saved will more than pay for it the first time it is used, and it will fill a long felt want with potato growers. Pamphlet free on request. Price, \$2.25. Mailing weight, 8 lbs.

VEGETABLE SEEDS

Asparagus



ASPARAGUS

CULTURE—Asparagus seed can be sown either in the spring or the fall, but we recommend sowing it in the spring. It should be sown thinly in rows, one foot apart. When it is up give frequent cultivations until plants are one year old, then transplant to permanent beds, and place the roots 16 to 18 inches apart each way with the crown of the root 4 inches below the surface. Use your best soil for Asparagus. You cannot get it too rich, nor can you use too much manure on this crop.

PALMETTO—This is the favorite and the earliest variety grown in the South. It is becoming more popular every year with both market and home gardeners. It is adapted to all sections where Asparagus can be grown. It grows to a large size and is very productive. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

COLUMBIAN MAMMOTH WHITE—A very large variety, and stays white as long as it is fit for use, and requires but little artificial blanching. A good variety for general use. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

CONOVER'S COLOSSAL—The old standard variety, very prolific, tender, and of good quality and flavor. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

GIANT ARGENTIEUL—One of the largest French sorts, and is very popular in trucking sections where it has been grown. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

ASPARAGUS ROOTS.

The quickest and most satisfactory way to grow Asparagus is from the roots. Two-year-old Palmetto roots at 75 cts. per 100, \$4.00 per 1,000.

ASPARAGUS KNIVES—Very handy and useful for cutting asparagus, each, 40 cts. (mailing weight 1 lb.).

Bush Snap Beans

Packets of Beans put up to sell at 5 cents, postpaid, contain too small a quantity. We therefore put up *liberal* sized packets at 10 cents, postpaid, preferring to please rather than disappoint. If larger quantities are ordered sent by mail, add for postage, mailing weight of 1 pint, 1 pound; mailing weight of 1 quart, 2 pounds.

GREEN-PODDED VARIETIES.

The crop of Beans was very short this past season, consequently the prices are necessarily higher than usual. In some varieties the crop was an entire failure, therefore we have omitted some varieties which we have heretofore been selling.

CULTURE—These can be planted with safety any time from April 1st to September 1st. They do better in light, loamy soil, but will thrive well in any good soil. Sow 3 inches apart in the rows, and have the rows 2 $\frac{1}{2}$ or 3 feet apart. One quart will sow 100 feet of drill, 1 bu. to the acre.

D. & B.'S IMPROVED RED VALENTINE—This is decidedly the most popular bean grown in this section for market gardeners and family use. They are ready to pick 7 weeks after planting. The pods are round, thick and fleshy, of good quality and flavor. Our strain of this bean is a decided improvement over the old speckled Valentine. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.65; bu., \$6.25.

Williamsburg County, S. C., March 3, 1914.

Please ship me at once 1 $\frac{1}{2}$ bu. of your D. & B.'s Improved Red Valentine Beans. I have bought these from you before, and they certainly did fine, as I shipped them in seven weeks after planting.

Yours truly,
J. A. CRAWFORD. D. & B.'S IMPROVED EARLY RED VALENTINE BEANS



BEANS—Continued.

BURPEE'S STRINGLESS GREEN-POD—This is absolutely a stringless bean, and this quality alone puts it ahead of most table beans. The pods break as short and as free as pipe stems. It is also extra early and of splendid table qualities. One of the best sorts for market gardeners and home use. Pkt., 10 cts.; qt., 30 cts.; pk., \$2.00; bu., \$7.50.

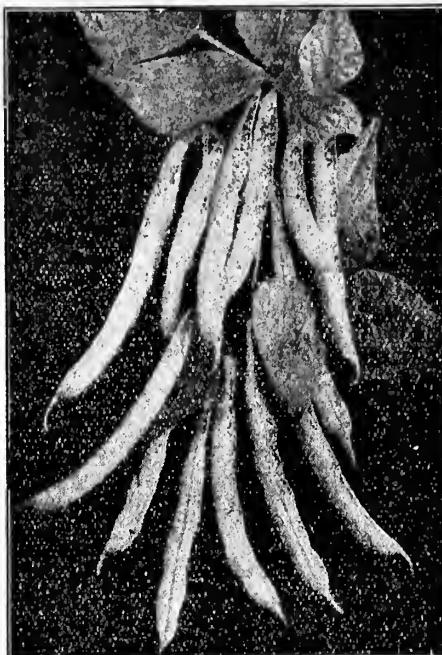
BLACK VALENTINE—An extra early variety, being a week earlier than the Red Valentine. It is black seeded with round pods, very prolific, and is of splendid table qualities. Pkt., 10 cts.; qt., 30 cts.; pk., \$2.10; bu., \$7.75.

LONGFELLOW—A valuable green, round-podded variety of the Valentine type, but with longer and straighter pods, very prolific and hardy. It is extra early and a popular sort. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.75; bu., \$6.40.

GIANT STRINGLESS GREEN POD—A mammoth-podded selection from the original Burpee's Stringless, not quite as early, but fully a third larger than its parent. Pkt., 10 ets.; qt., 30 cts.; pk., \$1.90; bu., \$7.25.

EARLY YELLOW SIX WEEKS—An extra early, vigorous and hardy variety for earliest plantings, long full-meated flat pods of good quality. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$6.00.

REFUGEE OR 1,000 TO 1—Pods are perfectly round and straight. Is very hardy, and an immense yielder, but is especially recommended for late planting. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.80; bu., \$6.75.



BLACK VALENTINE



PROLIFIC BLACK WAX BEANS

ular pole snap bean. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.80; bu., \$6.60.

LAZY WIFE—The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and is splendid in all stages. Each pod contains 6 to 8 round white beans, which makes excellent winter shell beans. They are late to mature, but are valuable to extend the season. This is an excellent bean. Pkt., 10 cts.; qt., 30 cts.; pk., \$2.00; bu., \$7.25.

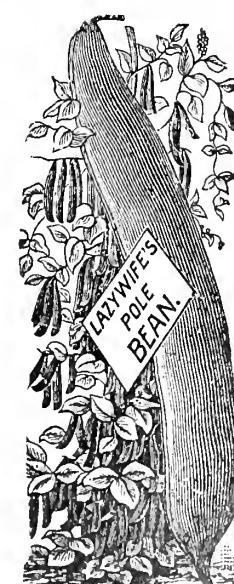
HORTICULTURAL OR WRENS EGG—A prolific and hardy pole bean; makes an excellent shell bean, either green or dry; is also a good snap bean if used while young and tender. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60.

DWARF LIMA BEANS.

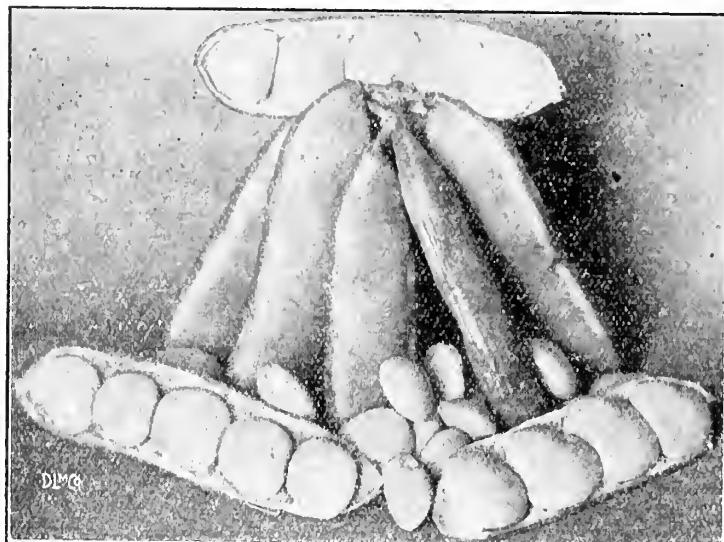
Plant in April, May or June, in 3-foot rows, 2 beans every 15 inches, $\frac{1}{2}$ bushel to the acre.

BURPEE'S FORDHOOK BUSH LIMA—A recent introduction of Bush Lima Bean, bearing large pods with 4 or 5 very large beans crowded in the pod. The beans are tender and of good flavor. Plants grow upright 18 to 20 inches high, holding the beans well off the ground. Pkt., 10 cts.; qt., 40 cts.; pk., \$2.90.

BURPEE'S IMPROVED BUSH LIMA—Of enormous size and 8 days earlier than the old Burpee's Bush Lima, and the beans are larger and thicker. Pkt., 10 cts.; qt., 40 cts.; pk., \$2.40.



BEANS—Continued.



BURPEE'S FORDHOOK BUSH LIMAS

HENDERSON'S BUSH LIMA—The original well-known small Bush Lima. It is early, a large yielder and of good flavor. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$5.90.

WOOD'S PROLIFIC BUSH LIMA—A very good medium size bush bean. Larger than the Henderson's Bush and not as large as the Burpee's Bush. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.60; bu., \$6.00.



WOOD'S PROLIFIC BUSH LIMA

When Beans are ordered to be sent by mail add for postage—1 pint, mailing weight, 1 pound; 1 quart, mailing weight, 2 pounds.

POLE LIMA BEANS.

Plant in April and May, in hills 3 feet apart, and rows 4 feet apart, and set poles 8 feet high in the hills; plant 4 or 5 beans to the hill.

D. & B.'S IMPROVED POLE LIMA—Much larger than the Small Lima and earlier and much more prolific than the Large White Lima. Our stock cannot be surpassed. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75; bu., \$6.50.

SIEBERT'S EARLY LIMA—The earliest large Pole Lima; Bean, and one of the best for the market gardeners. It is very productive, hardy and vigorous, produces pods early and continues bearing to the last of the season. The green beans are of large size, but so tender

and succulent that when dry they are about the size of the Large White Lima. Splendid for the home garden. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.85; bu., \$6.75.

SMALL LIMA OR BUTTER BEAN—Earlier and more productive than the Large Lima. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$6.00.

FORD'S MAMMOTH PODDED LIMA—A very large and popular White Lima Bean. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.85; bu., \$6.75.

EXTRA LARGE WHITE LIMA—Large Beans; superior flavor; an improvement on the old Large Lima. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.85; bu., \$6.75.

Parcel Post Rates now enable you to order Seeds at a great saving in postage. Send us a trial order.

BEFORE SENDING IN YOUR ORDER

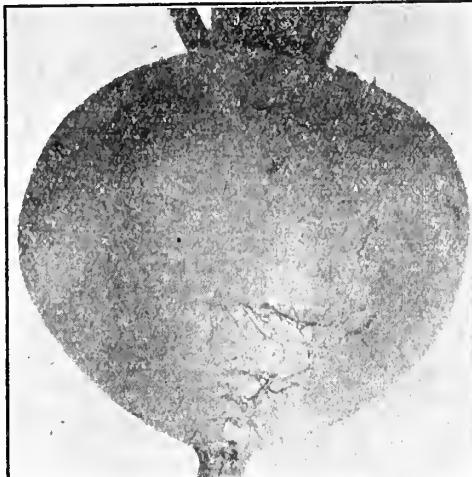
READ CAREFULLY—"Important notes and suggestions" on page 2.

Every gardener should have a Planet Jr. Garden Implement. With one of these little machines you can accomplish more work with less labor in a few hours than you could all day with a hand hoe. See page 62.

Beets



CRIMSON GLOBE



EXTRA EARLY ECLIPSE

EXCELSIOR OR COLUMBIA—Early, attractive shape, blood red, rich and tender; has small tops. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

CROSBY'S EGYPTIAN—Very early strain of the old standard Egyptian; small tops; good shape; popular with truckers. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

CRIMSON GLOBE—Early, rich crimson; perfect globe; smooth and clean. Very attractive, and a general favorite. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

DIRIGO—First in the market, small top, slender stem, skin smooth, flesh dark crimson, crisp and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 65 cts.

DETROIT DARK RED—A fine strain of Blood Turnip, but uniform in size and smooth, medium size, rich, red color, tender and remaining so for a long time. Good for both summer and fall use; one of the best for home use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

EXTRA EARLY ECLIPSE—The most popular market beet. Globe shaped; dark and tender; very early. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 65 cts.

EDMAND'S EARLY BLOOD TURNIP—Round, good size; dark red; quality good; one of the best for main crop. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

IMPROVED EARLY BLOOD TURNIP—Dark red, smooth; uniform; a good variety for home use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

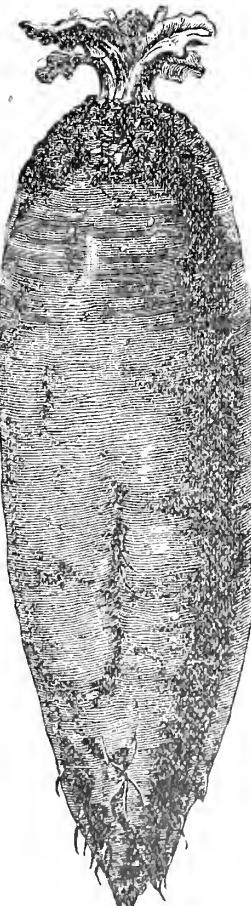
BASTIAN'S EARLY BLOOD TURNIP—Grows quick and large; bright red. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

EXTRA EARLY BASSANO OR SUGAR—Light color; sweet, tender and very early. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 65 cts.

LONG SMOOTH BLOOD—Dark red; good sort for main crop. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

EGYPTIAN—A standard extra early variety; a favorite with market gardeners; it is smooth, deep red. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

SWISS CHARD OR SILVER-LEAVED BEET—Grown for its leaves and stems only. Cook the leaves as you do Spinach and the stems like Asparagus. Leaves grow from 20 inches to 2 feet in length. The plant is almost perpetual if kept trimmed, also good for poultry greens. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 65 cts.



BEETS—Continued.

MANGELS OR STOCK BEETS.

Sow 6 lbs. to the acre in April, May or June, in 3-foot rows and cultivate like corn. Should stand 6 inches apart in the row. 5 lbs. and over at 5 cts. per lb. less.

DANISH IMPROVED SLUDSTRUP—Long reddish yellow, grows well above the ground and easy to pull. It has been awarded a first-class certificate by the Danish Government and is doubtless one of the best mangels. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

MAMMOTH PRIZE LONG RED—Very large, sometimes weighing 20 lbs. or more. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.

WHITE SUGAR—A very hardy variety, producing large crops with little care. The root is

very large and very rich in sugar and while not sufficiently so for sugar purposes, it makes remarkable fine, rich food for stock. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

GOLDEN TANKARD—Rich, yellow, well-shaped, good yielder. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.

BRUSSELS SPROUTS

The Sprouts resemble miniature cabbages, growing closely on the stalk of the plant. The leaves should be broken down in the fall to give the little heads more room to grow. They should be treated in all respects like Winter Cabbage or Kale. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Cabbage

Sow in January, February and March for spring setting; in April to June for late crop. Sow in September for transplanting in November for very early spring crop. Transplant to good, rich, clean soil, in 3 to 4-foot rows, 18 to 24 inches between plants, according to variety, whether large or small growth.



D. & B.'S SELECTED EARLY JERSEY WAKEFIELD

D. & B.'S EARLY SPRING—This is acknowledged to be the earliest flat-headed cabbage known. Coming in, as it does, with the Charleston Wakefield, and at the same time producing heads almost as large as the Early Summer makes it one of the best varieties for early market. It has a short stem, is a sure header, and can be planted close together. It has proven to be a money-maker for the market gardener. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

D. & B.'S SELECTED EARLY JERSEY WAKEFIELD—The most popular early variety for market or family use. Heads hard and solid. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

LARGE OR CHARLESTON WAKEFIELD—Not quite as early as Jersey Wakefield, but larger, of uniform size and a solid good shipper. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

EXTRA EARLY EXPRESS—Ready for market a week earlier than any other Cabbage in our list. Good quality, but not very hard heads. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.



D. & B.'S EARLY SPRING CABBAGE

EARLY FLAT DUTCH—Medium early; large flat, solid heads; a reliable and popular variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

WINNINGSTADT—Medium early. Makes firm, conical shape, hard heads. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

ALL HEAD EARLY—One of the best second early varieties; large deep heads; solid, uniform, in color, size and shape. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

HENDERSON'S EARLY SUMMER—Solid round heads; comes in just after Charleston Wakefield. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.60.

SOLID SOUTH—A good and very popular summer Cabbage. Stands hot, dry weather better than most other varieties. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.60.

HENDERSON'S SUCCESSION—One of the largest and most popular Early Flat Head Cabbages. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

SUREHEAD—One of the best for main crop; solid, medium size, late. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

One of our farmer customers, who has been purchasing from us large quantities of Cabbage Seed for several years, and purchased this fall 238 pounds, writes us:

"Your last shipment of 100 pounds of Cabbage Seed arrived in due time, for which I thank you, and was sown today after a good season. I greatly appreciate your kindness and efforts in getting the shipment off in time. I wish to say further that I am well pleased with the quality of the Seed you have sent me. Again thanking you, I am yours very truly, W. L. KIVETT."

CABBAGE—Continued.



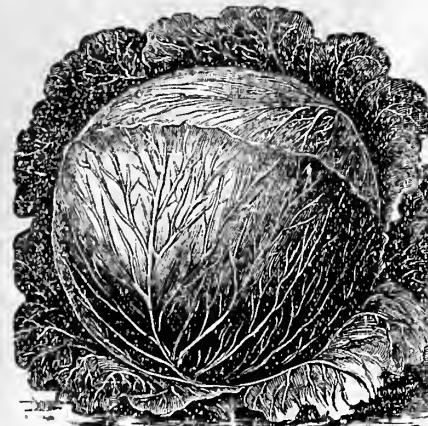
AUTUMN KING, OR WORLD BEATER CABBAGE

Try them. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.90.

DANISH ROUND HEAD—An earlier, but shorter stem type of the Ballhead, is larger and produces more weight per acre. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

D. & B.'S PREMIUM LATE FLAT DUTCH—Popular winter cabbage; large, solid, flat heads. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

LARGE, LATE DRUMHEAD—Resembles Flat Dutch, but more round; large, solid; keeps well. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.60.



VOLGA CABBAGE

Cabbage Plants see page 22.

ALL SEASONS—Equally good for fall, winter and summer; large, solid, round heads; good quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.60.

DANISH BALLHEAD OR AMAGER—A good variety of winter cabbage. It has a short stem, large head, and is the hardest and heaviest for its size known. It is very hardy, resisting droughts and wet weather much better than our American cabbage. It matures quickly and can be planted later than the larger American cabbages. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.85.

AMERICAN DRUMHEAD SAVOY—Very tender; good flavor; large heads of superior quality, with curled leaves. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

DANISH SUMMER BALLHEAD—The heads of this cabbage are of splendid shape and are ready early in the season. It is very large, firm and heavy, you will like it.



DANISH BALLHEAD

VOLGA—This is one of the most popular varieties for fall and winter crop. It is intended for late planting only. It can be put out later than most other late cabbages and will mature early; of uniformly large, round, hard heads. Try it. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.75.

AUTUMN KING, OR WORLD BEATER—This is unquestionably one of the best late cabbages grown in this country. It has been tested along with other varieties, and proven to be not only larger, but more solid, and keeps well. We recommend this cabbage as an excellent fall variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

We Give No Premiums

We do not approve of giving premiums, for whenever this is done the customer pays for it and we do not believe our customers wish to pay more than necessary for what they want in order to get something they do not need. We therefore do not aspire to the "Premium givers" class. Our desire is to supply the best Seeds obtainable as low as we can afford, consistent with our qualities and the supply. Not to cut down quality or quantity, but to give value received without offering premiums as an inducement to "Catch" orders.

Confidently believing that our Seeds will prove their worth, we solicit your orders.

Carrots

Sow from February to June in light, deep, rich soil in drills 12 inches apart; plants should stand 5 inches apart in the rows; fertilize well. One ounce of seed to 100 feet of drill, 4 pounds to the acre. To keep for winter, pack in dry sand, and place in a cellar.

CHANTENAY—One of the best for home or market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

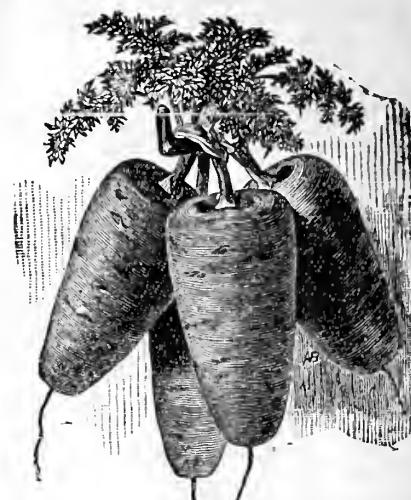
SCARLET INTERMEDIATE—Large, uniform, symmetrical; almost without core; very popular for home and market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

IMPROVED LONG ORANGE—Long and tapering; deep orange. One of the best for winter use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 65 cts.

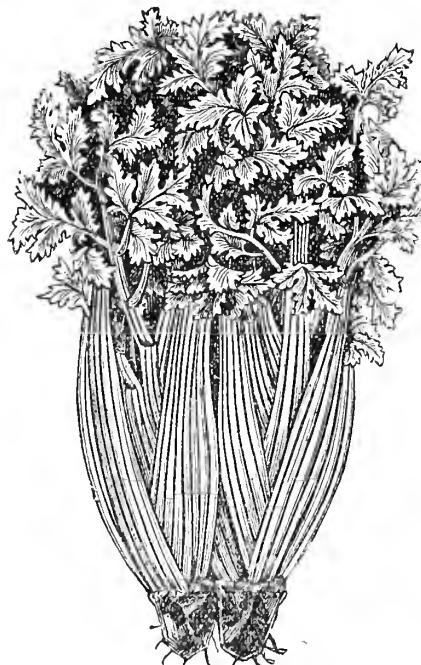
DANVER'S HALF LONG—Rich, dark orange colored; good quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., 65 cts.

EARLY SCARLET OR SHORT HORN—Early smooth bright orange; solid; does well in shallow soil. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 75 cts.

LARGE WHITE BELGIAN—Grown for stock only; enormous size and large yielder. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.



CHANTENAY CARROT



WINTER QUEEN CELERY

Celery

Sow in beds in February or March and keep well watered. Transplant from July to October to moist, mucky soil; 6 inches apart in 12-inch rows. Earth up two or three times. Cover with straw from severe weather, with boards on top. One ounce of seed produces 2,000 plants.

WINTER QUEEN—We consider this the best winter Celery. It blanches easily, has a crisp, nutty flavor; is hardy and a splendid keeping variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

GIANT PASCAL—Thick, solid stalks, golden hearts; blanches quickly; keeps well; good flavor; one of the most popular varieties. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.65.

WHITE PLUME—One of the best for early use; handsome, good quality, and blanches easily. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

GOLDEN SELF-BLANCHING—Not as early as the White Plume, but is of a heavier and more compact growth. Its stalks are thick, crisp and brittle, with large solid hearts. The quality is superb, good flavor, tender and free from stringiness. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.15; lb., \$4.00.

Celery Plants—See page 22.

Cauliflower

Cultivate like cabbage. Sow in January or February for early crop, or May for late. Transplant to moist soil; manure heavily and water freely. When heading begins fasten leaves over top of head to whiten. One ounce of Seed makes 2,000 plants.

EARLY SNOWBALL—A sure header; large, solid, perfectly white, and good quality, the favorite variety. Pkt., 25 cts.; $\frac{1}{4}$ oz., 65 cts.; oz., \$2.00; $\frac{1}{4}$ lb., \$7.00.

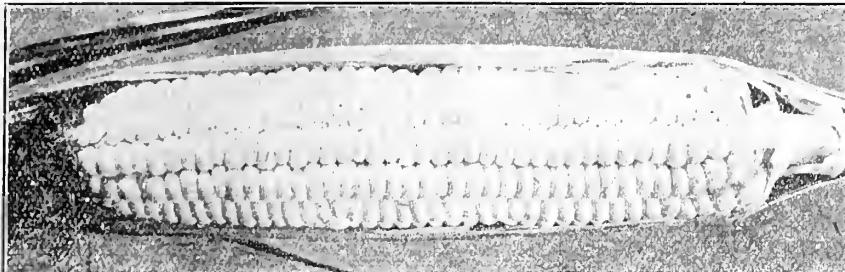
AUTUMN GIANT—Valuable late variety; heads large, white and keeps well. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Water Cress or Pepper Grass

Sow curled variety in spring in very rich soil, in drills 12 inches apart. Sow water cress along brooks or in mucky land. Pkt., 10 cts.; oz., 25 cts.

Garden Corn

For early market, plant early varieties latter part of March. Sugar corns should not be planted until April, then at intervals of two weeks for a succession. Sugar corn planted in July will mature late roasting ears. Plant 4 to 8 quarts to the acre.



STOWELL'S EVERGREEN

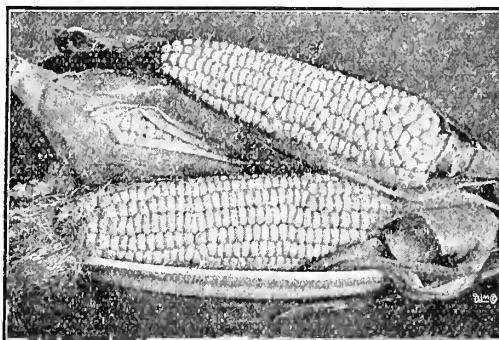
Packets of Corn put up to sell at 5 cents, postpaid, contain too small a quantity. We therefore put up *liberal size* packets at 10 cents, postpaid, preferring to please rather than disappoint. If larger quantities are ordered sent by mail, add postage —1 pint equals one pound; 1 quart equals 2 pounds, mailing weight.

EXTRA EARLY ADAMS—Earliest white corn, but has a small ear and stalk. Pkt., 10 cts.; qt., 15 cts.; pk., 85 cts.; bu., \$2.75; per dozen ears, 25 cts.

IMPROVED ADAMS EARLY—An improvement on the old variety, being nearly one-third larger and almost as early. Pkt., 10 cts.; qt., 20 cts.; pk., 90 cts.; bu., \$3.00; dozen ears, 30 cts.

EARLY ADAMS—About a week later than Extra Early, but has larger ears; small stalks; earlier and harder than sugar corn. Pkt., 10 cts.; qt., 15 cts.; pk., 85 cts.; bu., \$2.75; dozen ears, 25 cts.

TRUCKERS' FAVORITE—A splendid early white corn, coming in directly after Adams' Early, but much larger; has a deep, white, soft grain. Pkt., 10 cts.; qt., 15 cts.; pk., 75 cts.; bu., \$2.75; dozen ears, 30 cts.



EARLY WHITE EVERGREEN

SOUTHERN SNOWFLAKE—A beautiful large-ear corn, with deep, soft, pure white grains; almost as early as Truckers' Favorite, and grows much larger on medium soil. Pkt., 10 cts.; qt., 20 cts.; pk., 75 cts.; bu., \$2.25; dozen ears, 50 cts.

PERKIN'S EARLY MARKET—An extra early creamy white variety. Is perhaps the hardiest early corn. It is not classed as a Sugar Corn, but is remarkably sweet. Ears average from 7 to 8 inches in length and have twelve rows. Pkt., 10 cts.; qt., 15 cts.; pk., 90 cts.; bu., \$3.00.

SWEET OR SUGAR CORNS.

EARLY WHITE EVERGREEN CORN—This is a high-bred pure white type of the ever popular Stowell's Evergreen. Market gardeners, canners and all lovers of sugar corn have been long wishing for a white sweet corn as good as Stowell's Evergreen. They can now have it—sweet and tender. When in the green state both cob and kernel are white as snow. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.00; bu., \$3.00.

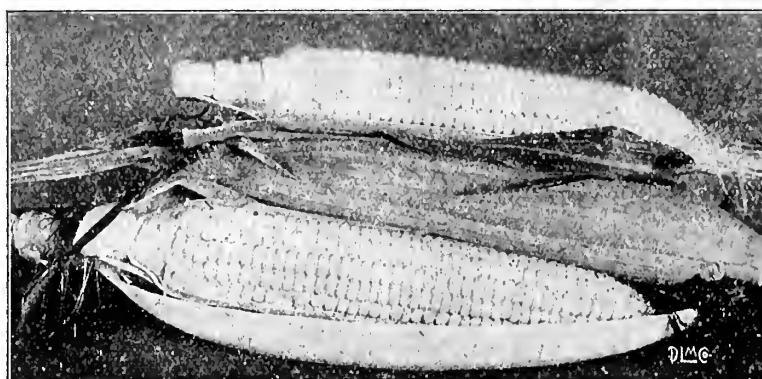
GOLDEN BANTAM—A distinct variety of Extra Early Sweet Corn of golden yellow color, very sweet and tender; is hardy and can be planted earlier than most sweet corns. Has several ears on the stalk 5 to 7 inches in length. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.00.

STOWELL'S EVERGREEN—A large size prolific sweet corn of excellent quality. A favorite for market or home use; also a splendid canning variety. Pkt., 10 cts.; qt., 20 cts.; pk., 90 cts.; bu., \$3.00.; dozen ears, 40 cts.

No poultry raiser should be without a Norwich Automatic Feeder. They will quickly pay for themselves in feed and labor. We recommend them with entire confidence. See page 57.



CORN—Continued.



COUNTRY GENTLEMEN

It is very prolific, maturing from 60 to 72 days, and commands quick sale in any market. Also a very good variety for home use. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.00; bu., \$3.50.

COUNTRY GENTLEMEN—Considered the very best quality sweet corn for table use and canning; has long, deep grains, and yields 2 to 4 ears to the stalk. A general favorite. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.00; bu., \$3.50.

POP CORN.

WHITE RICE—The most popular variety. Pops pure white. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

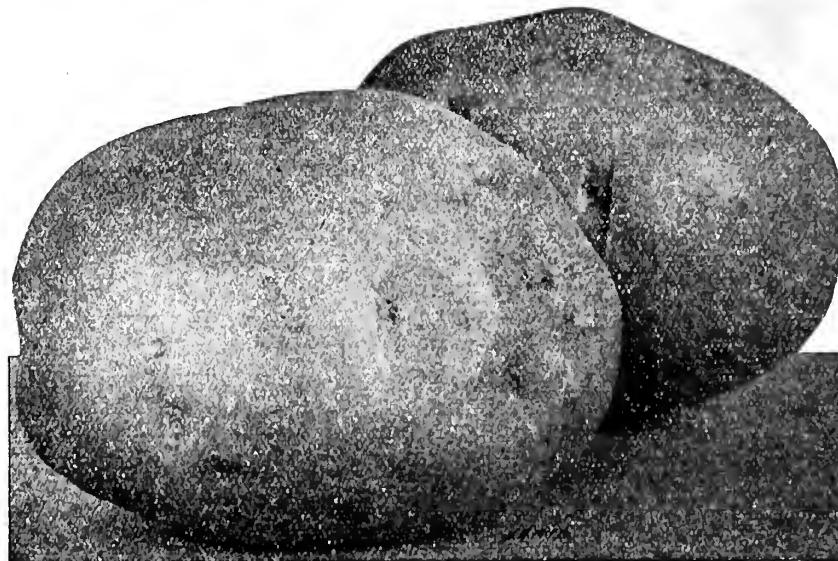
QUEEN'S GOLDEN—Ears large, handsome yellow; pops, white and tender. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

MAPLEDALE PROLIFIC—Very prolific; pearly grains; pops white and tender. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

RED BEAUTY—The red variety of pop corn; very good. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

POP CORN—For popping. Per pkt., 10 cts.; lb., 10 cts.; 10 lbs., at 6 cts.; 100 lbs., \$4.00.

CORN POPPERS—A splendid galvanized Corn Popper, with gunmetal finish; has sliding lid operated with attachment on handle; 25 cts.; each (mailing weight 2 lbs.).



THE SNOW POTATO CROWDED OUT OF ITS PROPER PLACE ON PAGE 7.

Tyrell County, N. C., February 9, 1914.

I wish to say that all of the Seeds I have bought from Digg's & Beadles have been O. K. in both quality and price. Please Ship me five sacks D. & B.'s Early Eureka Potatoes and ten sacks of D. & B.'s Irish Cobbler Potatoes.

Yours truly,

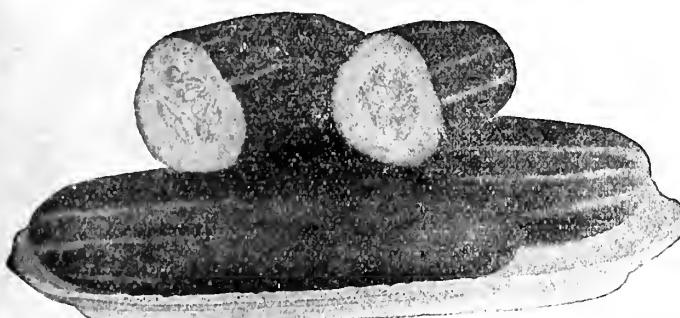
J. S. CLOUGH.

Cucumbers

For very early crop plant in hotbeds; for later crop plant from April to July in rich, well-manured hills 4 feet apart, 10 seed in hill; thin to two or three plants. One ounce to 50 hills; 2 pounds to the acre. 5-lb. lots and over, 5 cts. per lb. less.



ARLINGTON WHITE SPINE



D. & B.'S EARLY FORTUNE



GEORGIA COLLARD

D. & B.'S EARLY FORTUNE CUCUMBER—An extra early cucumber of the White Spine type. A beautiful green, straight variety, especially recommended for early market. Our customers who raise this cucumber are highly pleased with it. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 65 cts.

ARLINGTON WHITE SPINE—A long, well-shaped green variety; one of the best and most popular market varieties. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

KLONDYKE—This variety was introduced several years ago, and is becoming very popular as a market variety. The fruits are long and straight, and hold their deep green color, which makes it a good shipping sort. It is early and very productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

IMPROVED LONG GREEN—Prized for table, market and pickles; dark green, firm and crisp. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

GREEN PROLIFIC—Very prolific; especially recommended for pickles. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

GHERKIN OR BURR CUCUMBER—Small, prickly; used for pickles only. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

COLLARDS.

Sow and cultivate like cabbage, and use for greens; also good for stock.

NORTH CAROLINA SHORT STEM—Large, spreading leaves; very hardy; good flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

GEORGIA OR SOUTHERN—A very old and popular variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.



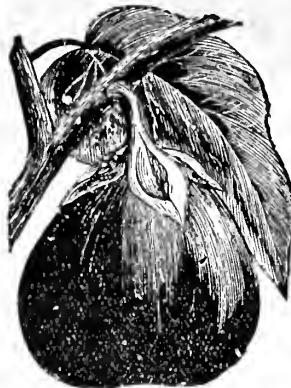
LARGE-SEEDED CORN SALAD.

Sow in early spring in rows 12 inches apart and repeat as desired for succession. May be sown in September, if protected. Cultivate thoroughly and keep well watered.

Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

SEEDS IN QUANTITY

Market Gardens and Public Institutions buying Vegetable Seeds in large quantities are requested to send us a list of their requirements and we will take pleasure in quoting special prices. In writing us, please be sure to state quantities wanted.



BLACK BEAUTY EGG PLANT

Egg Plant

Sow in February or March. When 2 inches high transplant to pots or good rich soil, and in May to 3-foot rows in deep, rich loam. One ounce of seed will produce about 1,000 plants.

BLACK BEAUTY—This is the earliest and best of all large fruited Egg Plants. It is fully as large and ten days or two weeks earlier than the New York Improved Purple. The large fruits are thick and of most attractive form. The skin is a rich, lustrous, purplish black, and it is entirely free from spine or thorns. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

EGG PLANTS—See page 22.

Endive

GREEN CURLED—Has fine cut leaves, and gives a mossy appearance when blanched. Sow in August in 18-inch drills, and later thin plants to one foot apart, when large, tie up outer leaves to blanch, water freely. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.

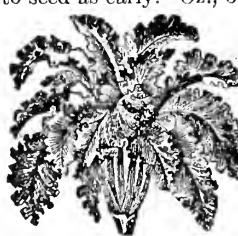
Kale

Sow Siberian in September or October; Scotch in August or September; Spring or Smooth, February to April, and September to November. Protect with straw in very severe weather.

SPRING OR SMOOTH—Hardy, quick-growing; best for spring sowing. Sow 8 to 10 lbs. to the acre broadcast, or 4 to 5 pounds in drills. Pkt., 5 cts.; $\frac{1}{2}$ lb., 10 cts.; lb., 15 cts.; 2 lbs., 25 cts.; 5 lbs., and over, at 10 cts. per lb.

EARLY CURLED SIBERIAN—A standard winter variety; bright green with purple tinge; curled. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.; 5 lbs. and over, at 35 cts. per lb.; sow 5 lbs. to the acre.

SLOW-SEEDING SIBERIAN KALE—Similar to Early Curled Siberian, but does not run to seed as early. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.; 5 lbs. and over, at 40 cts. per lb.



SPRING KALE

GREEN CURLED SCOTCH—Popular for shipping. Light green, nicely curled. Sow 5 pounds to the acre. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.; 5 lbs. and over, at 45 cts. per lb.

KOHL RABI.

EARLY WHITE VIENNA—White and tender; the best variety. Sow in April in 18-inch drills and thin out to 8 inches. For winter use, sow in June and July. One ounce to 200 feet of drill. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Herbs

Sow in spring in shallow drills 12 inches apart. Gather just before blooming and cork in bottles. We supply the following. All varieties, 5 cts. per pkt.:

DILL—Per oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

SAGE—Per oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

THYME—Per oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.



EARLY CURLED SIBERIAN KALE

AMERICAN FLAG LEEK.

Large, thick stems, of sweet flavor. Sow in early spring in light, rich, moist soil. Transplant to 12-inch rows and 6 inches apart. Earth up to whiten necks. One ounce to 100 feet of drill. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.40.



KOHL RABI

LEEK

Lettuce

For early crop, sow under glass in January; then for succession at intervals of three weeks. Transplant to rich, mellow soil, and keep well worked. Must have very rapid growth to succeed. Two crops can be grown in one season. One ounce to 1,500 plants.

EARLY WHITE CABBAGE—Very hardy, large, hard head; a splendid variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.40.

UNRIVALLED—An improvement on the famous Big Boston Lettuce, possessing all the good qualities of this kind, viz., earliness, large size, attractive color, etc. Its additional value lies in the fact that it can be sown almost the whole year round; it resists heat remarkably well; is crisp and solid when other sorts become tough and flabby under the same conditions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

D. & B.'S BIG BOSTON—Favorite in the South for shipping; large and solid. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

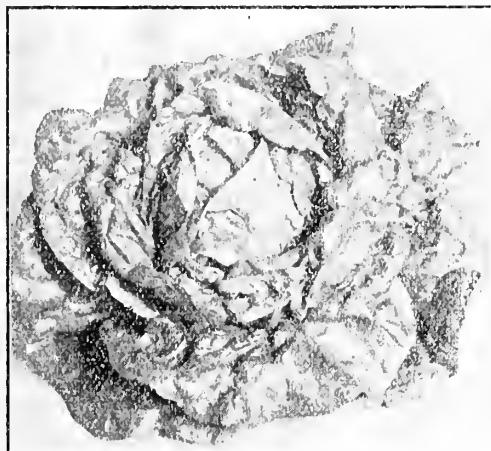
EARLY CURLED SIMPSON—Heads up loose and very tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

HANSON—One of the best summer Lettuces. Large, solid, sure header; crisp and tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

ALL SEASONS—A favorite summer Lettuce; large, but attractive appearance, crisp and buttery. It is especially recommended for its heat resisting qualities, preserving its freshness under trying conditions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

WHITE PARIS COS—The best of Celery Lettuces. Forms large, light green, solid, well-folded heads, of upright growth and esteemed for its crispness and mild flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

WA YAH—This is the earliest and hardiest Lettuce for cold frames or open ground. Is of handsome appearance and good quality. It is not only earlier than the Big Boston, but is also larger than that variety and the heads are more tightly folded—a favorite with market gardeners. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25. **Lettuce Plants**, see page 22.



D. & B.'S BIG BOSTON



CHAMPION MOSS CURLED PARSLEY

spring, in 1-foot drills. 1 ounce to 150 feet of drill. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

OKRA.

Sow in 3-foot drills and thin out to 8 inches apart. For winter use, slice young pods, string and dry in the shade. Sow one ounce to 50 feet of drill.

PERKINS' MAMMOTH PODDED—Very productive; pods intense green; 8 to 9 inches long. Superior for canning. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

WHITE VELVET—Pods large, round, white and smooth, and very abundant. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

DWARF PROLIFIC—Plants small, but very prolific. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

TALL GREEN—Long pods; grows 4 to 5 feet high. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.



OKRA

Cantaloupe or Musk Melon

Plant in hills 5 feet apart in light, rich soil, well manured; 10 seeds to hill, thin to 4 plants. Cultivate well. Pinch off ends of vine as they begin to blossom, which will increase the yield. One ounce to 60 hills; 2 pounds to acre.

5 lbs. and over, 5 cts. per lb. less.

D. & B.'S HANOVER GEM—Larger, more uniform in size and shape than the Netted Gem, of unsurpassed quality and being very solid, is a good market and shipping variety. This melon has brought the highest market prices on the Richmond markets for several seasons. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

D. & B.'S RICHMOND MARKET—This is one of our most valuable introductions. It is unquestionably the best Cantaloupe for the market gardener and home use. It is very prolific, has thick flesh and small seed cavity, and of rich, nutty flavor. It is of medium size and a good shipping melon. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

ROBINSON'S DELICIOUS GOLD LINED ROCKY FORD—This strain of the Eden Gem type is the result of several years selection by one of the most progressive farmers of Rocky Ford,



D. & B.'S HANOVER GEM

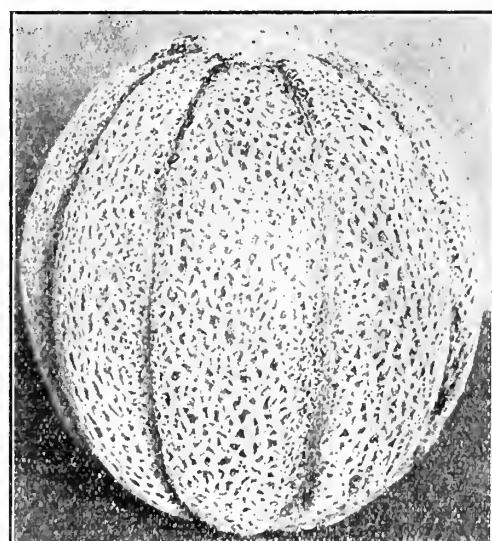
Colo. Its shape is ideal, very slightly oval, no ribs and it is heavily netted over the entire melon. The bloom button is small and flesh as thick at the end as elsewhere. The melon is thick-meated, fine grained and sweet; color green with a gold margin next to the seed cavity.

Our claim for this melon is its uniform shape, size and very superior quality. Its flesh is attractive and elicits favorable comment when served. Every seed we offer from this strain is saved from a select melon and hand-seeded. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

EMERALD GEM—A salmon-fleshed, extra early variety, green skin, slightly netted, very thick and ripens close to the rind, globular shape. A good melon for family use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 75 cts.

PERFECTION—Large, oblong, green flesh; yellow skin, thickly netted, good quality. We consider this the best large-sized cantaloupe. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

TIP TOP—A large, slightly oval melon with orange colored flesh, which is thick and firm, which makes it a good shipping and market variety. The flesh is sweet and of good quality, and it is one of the most popular orange-colored flesh melons. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.



PERFECTION

D. & B.'S SELECTED OVAL NETTED GEM—A larger and improved strain of the well-known Netted Gem variety, of most excellent flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

GENUINE ROCKY FORD NETTED GEM—Small, nearly round; thickly netted; nutmeg shape. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 60 cts.

EXTRA EARLY HANOVER—Earliest known variety. Green flesh; yellow skin; medium size; flattened at end. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

EXTRA EARLY HACKENSACK—Like large Hackensack, but ten days earlier; roughly netted; thick flesh—good flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.



D. & B.'S NETTED GEM

LARGE HACKENSACK—Large, good quality; very popular; Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

PROLIFIC NUTMEG—An early variety of medium to a small size, nutmeg in shape and thickly netted; very productive and of first-class quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

BANANA—Long, shaped like a banana; delicious odor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

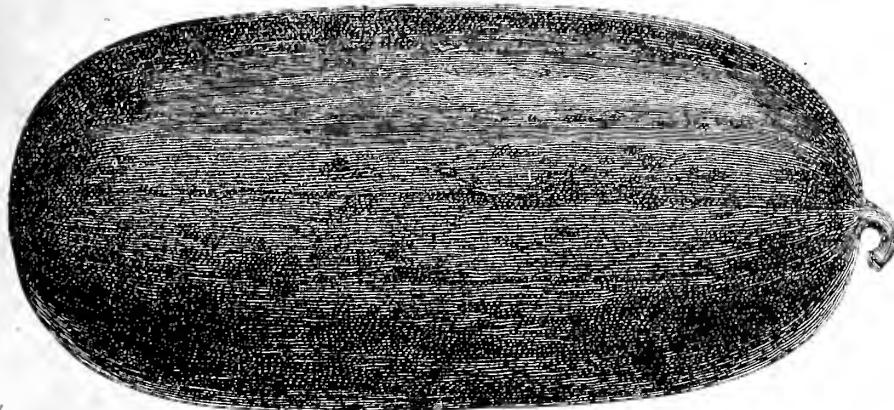
MIXED CANTALOUPES—As we have frequent calls for Cantaloupe Seed mixed, we offer a mixture of the leading varieties at pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.



D. & B.'S RICHMOND MARKET

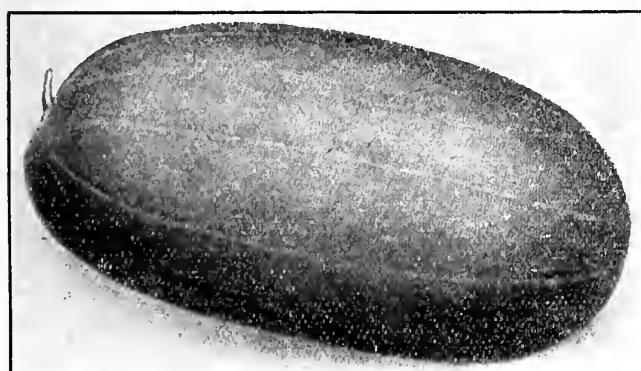
Watermelons

Plant in spring, after danger of frost; for late crop may be planted as late as June 1st. Cultivate like cantaloupe, except place hills 8 or 9 feet apart. One ounce of seed to 30 hills; 2 pounds to the acre. 5 pounds and over at 5 ets. per pound less than single pound price.



TOM WATSON WATERMELON

TOM WATSON—An early, long, green melon; thin, but tough rind, which makes it the best market and shipping variety. Flesh is a bright red, firm, and very sweet; has taken the lead over all other shipping melons and sells for the highest prices in the Northern markets. Oz., 5 ets.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 ets.



KLECKLY SWEET WATERMELON

is larger, hardier, more productive and prettier in shape and color.

THE JACKSON—Although a very old variety, it is still very popular in many sections. It is early, long, pale green, very tender, crimson flesh, which is unusually sweet. A splendid variety for home use, but will not stand shipping. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 75 cts.

FLORIDA FAVORITE—An old but popular, dark, long-striped, early melon of excellent quality. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 ets.; lb., 45 ets.

MIXED WATERMELONS—As we have frequent calls for Melon Seed mixed, we offer a mixture of the leading varieties. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

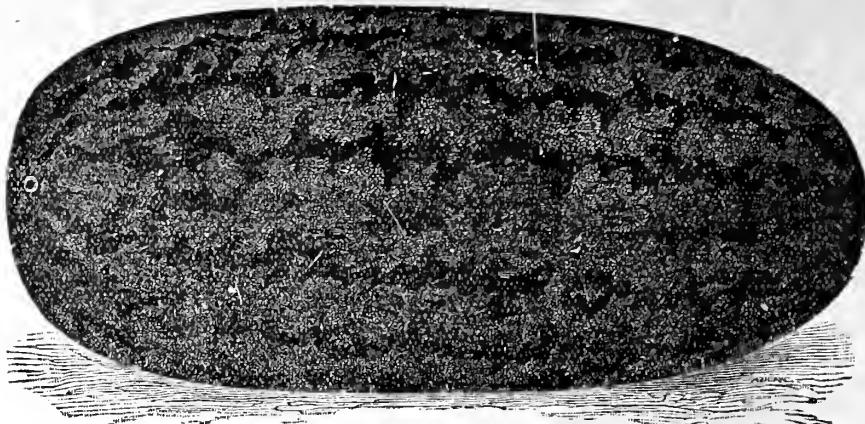
MELON SEED—For medicinal purposes, per lb., 20 ets.

Prince Edward County, March 20, 1914.

Please send me 3 pounds of your Kleckly's Sweet Watermelon Seed and 2 pounds of Halbert's Honey Watermelon Seed. The Kleckly's Sweet Melons I raised from your Seed last year were fine and sold well.

Yours truly,

W. M. GILLIAM.



FLORIDA FAVORITE WATERMELON

Vegetable Plants

Plants can rarely be shipped the day order is received, as we have to get them in from the gardens. We never ship plants the last of the week unless especially requested to do so, as they would probably lay over in the express office through Sunday. Do not order plants shipped by freight, and do not order them sent by mail if it can be avoided. Express is much quicker, safer and more satisfactory. Plants sent by mail are at purchaser's risk. No charge for packing. Should we be sold out of the varieties ordered, we will send a similar variety instead.

TOMATO PLANTS—Ready in May, June and July. Varieties: Fordhook First, Livingston's Beauty, Ponderosa, New Stone, Brimmer, Yellow Pear-Shaped. Per doz., 15 cts., postpaid; per 100, 50 cts., postpaid; by express, 40 cts. per 100; \$3.50 per 1,000. Transplanted plants, same varieties, 25 cts. doz.; \$1.10 per 100, postpaid.

CABBAGE PLANTS—Early varieties ready in March, April, May and November. Varieties: Early Wakefield and Henderson's Succession. Price up to May 1st, 45 cts. per 100 postpaid; by express, 30 cts., per 100; \$2.50 per 1,000. After May 1st, 40 cts. per 100, postpaid; \$2.00 per 1,000. Late varieties: Late Flat Dutch, Autumn King, Drumhead, Savoy. Ready June, July and August, 40 cts. per 100, postpaid; by express, 30 cts. per 100; \$2.00 per 1,000.

LETTUCE PLANTS—Ready March, April, May, October and November. Varieties: Early White Cabbage and Big Boston. Price, 40 cts. per 100, postpaid; by express, 25 cts. per 100; \$2.00 per 1,000.

EGG PLANTS—Blaek Beauty. Ready May and June. Price, 40 cts. per doz., postpaid; by express, 25 cts. per doz.; \$1.00 per 100. Transplanted Plants—45 cts. per doz., postpaid; by express, 30 cts. per doz.; \$1.25 per 100.

PEPPER PLANTS—Ready May and June. Varieties: Ruby Giant, Long Red Cayenne. Price, 20 cts. per doz., 90 cts. per 100, postpaid; by express, 15 cts. per doz., 75 cts. per 100. Transplanted Plants—35 cts. per doz., postpaid; by express, 25 cts. per doz., \$1.00 per 100.

CELERY PLANTS—Varieties: Winter Queen, Giant Pascal, White Plume. Ready July and August. Price, 50 cts per 100, postpaid; by express, 40 cts. per 100; \$3.50 per 1,000.

SWEET POTATO PLANTS—Ready May and June. Varieties: Hanover White Yam, Hanover Yellow. Price, 40 cts. per 100, postpaid; by express, 25 cts. per 100; \$2.00 per 1,000; 5,000 and over, at \$1.75 per 1,000.

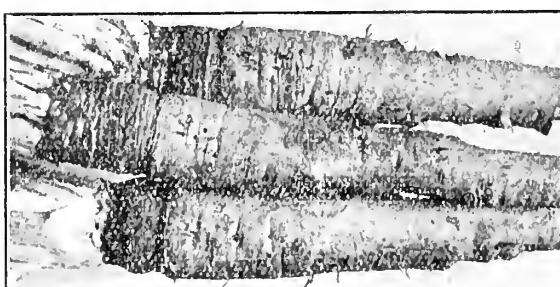
Rhubarb Roots

Set out in the early spring or fall in deep, well-worked soil, 4 feet apart each way. Mulch freely with manure or coarse litter. It is best not to use the stalks the first year; but after the first year they may be used freely and will last for years. A dozen roots will be ample for a large family. 10 cts. each; per doz., \$1.00 (mailing weight 8 lbs. to the dozen); per 100, \$5.00.

RHUBARB SEED—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Salsify or Oyster Plant

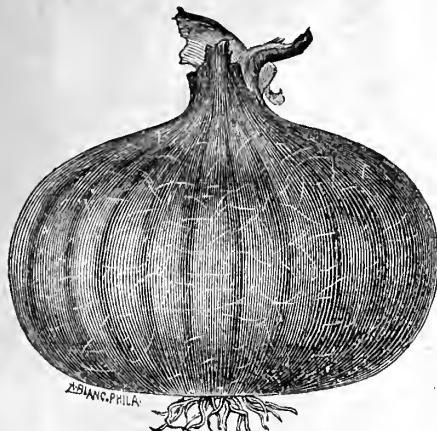
MAMMOTH SANDWICH ISLAND SALSIFY OR OYSTER PLANT—The largest and best variety. Sow in March or April in 18-inch drills. Thin to 6 inches apart. Soil must be deep, light, rich and fine. One ounce to 50 feet; 8 pounds to the acre. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 90 cts.



SANDWICH ISLAND SALSIFY

Onion Seed

Sow in January or February in hotbeds or later in the open. Transplant to 12-inch rows, 5 inches apart, in very rich soil and cultivate well. Sow six pounds seed to the acre. For sets, sow 20 to 40 pounds to acre in broad rows. Dig and dry when tops die. Use only smaller ones for sets.



PRIZE TAKER OR SPANISH KING

EXTRA EARLY WHITE PEARL—Large, pearly white, tender, mild; excellent flavor; grows quickly; white skin. The best variety for fall setting to make early spring onions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.40.

PRIZE TAKER OR SPANISH KING—Very large and solid; skin rich yellow; flesh pure white, sweet, mild, tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

MAMMOTH SILVER KING—The largest variety in cultivation; skin silvery, flesh pure white; very mild and early. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

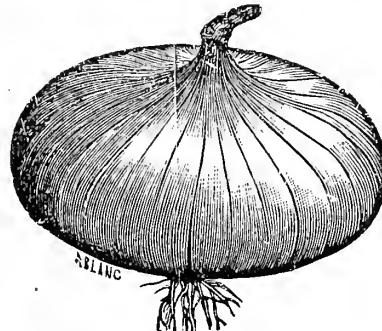
SILVER SKIN—Pure white; mild flavor; best for growing sets. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

LARGE RED WETHERSFIELD—Medium early; skin purplish red; flesh purplish white. A general favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

YELLOW GLOBE DANVERS—Globe shaped; large; keeps well; the standard for main crop. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

SOUTHPORT YELLOW GLOBE—A large, globe-shaped onion; good producer and keeps well. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

YELLOW STRASBURG—A very popular long-keeping yellow onion. Bulbs are quite flat and of good size; skin darker yellow than the Danvers; white flesh, mild flavor, used largely for growing sets. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.



EXTRA EARLY WHITE PEARL

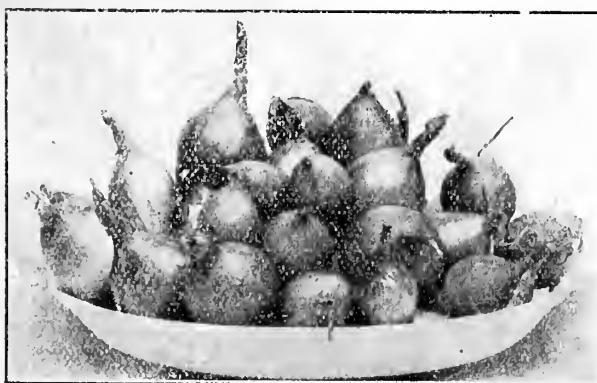
Onion Sets

Plan 4 to 6 inches apart in 12 to 24-inch rows (except Potato Onions, which should be in 2-foot rows). Plant in spring or fall in fine, rich soil, well manured.

SILVER SKIN—Qt., 20 cts.; by mail, 30 cts.; pk., 75 cts.; bu., price on request.

YELLOW DANVERS—Qt., 20 cts.; by mail, 30 cts.; pk., 75 cts.; bu., price on request.

RED WETHERSFIELD—Qt., 20 cts.; by mail, 30 cts.; pk., 75 cts.; bu., price on request.



ONION SETS

Parsnip

IMPROVED SUGAR OR HOLLOW CROWN—The standard; smooth, tender, good flavor. Sow in spring in 18-inch drills, in rich, deep, sandy loam. Thin out to 5 inches apart. One ounce to 200-foot drill; 5 pounds to the acre. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.



IMPROVED SUGAR PARSNIP

Garden or English Peas



CULTIVATING A CROP OF D. & B.'S SELECTED EXTRA EARLY PEAS

Packets of Peas put up to sell at 5 cents, postpaid, contain too small a quantity. We therefore put up liberal sized packets at 10 cents, postpaid, preferring to please rather than disappoint. If larger quantities are ordered sent by mail, add postage —1 pint, mailing weight 1 pound; 1 quart, mailing weight, 2 pounds.

Culture: Plant very early in spring, in 3-foot rows, in light, rich, loamy soil. Cultivate well. For succession plant later every few weeks through the season. Sow one and a half bushels to the acre.

D. & B.'S SELECTED EXTRA EARLY

—This is the earliest pea on our list. Many of our customers who grow for market say it is the best early pea they have ever grown. It is very productive; grows to a height of 2 feet. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.20; bu., \$4.50.

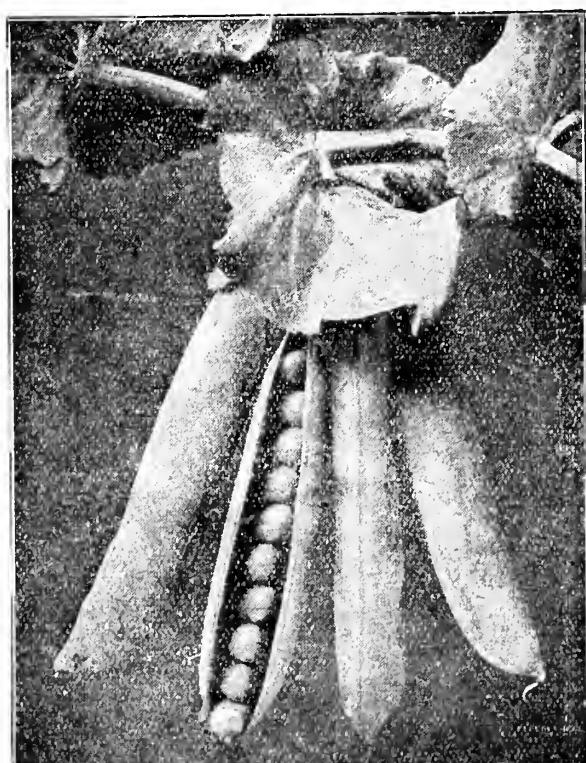
PROLIFIC EARLY MARKET—A very large and unusually prolific variety maturing directly after the Extra Early sorts, and before the large wrinkled varieties come in. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.20; bu., \$4.50.

D. & B.'S FIRST AND BEST—This stock is grown especially for us by one of the largest and most careful pea growers in this country. It is an Extra Early, large podded pea; height, 2½ feet. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.10; bu., \$4.25.

ALASKA—One of the best extra early peas and becoming more popular yearly; very productive and salable. Particularly popular for canning on account of its pale green color. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.20; bu., \$4.50.

PERFECTION OR IMPROVED ALASKA—A few days earlier, darker in color and more prolific and a general improvement over the Alaska. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.25.

AMEER OR LARGE PODDED ALASKA—A large and prolific strain of the well-known Alaska Pea. The size and color of the peas and pod make a very desirable market variety. Is very hardy and prolific. Much in demand with market gardeners, height 2 feet. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.75.



AMEER OR LARGE PODDED ALASKA

DAY'S SUNRISE—This pea is a half wrinkled variety. Maturing directly after the Extra Early Sorts and before the large wrinkled varieties come in. Very productive, hardy and has large well-filled pods; height 2 to 3 feet. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.10; bu., \$4.25.

PEAS—Continued

LARGE WHITE MARROWFAT—Strong, hardy; late variety with broad, thick pods; good quality; height, 4 feet; abundant bearer. Pkt., 10 cts., qt., 20 cts.; pk., \$1.10; bu., \$3.90.

WRINKLED VARIETIES.

ECLIPSE—The earliest and hardiest wrinkled variety and as it is much better quality than the Extra Early Smooth Peas, make it about the best Early Pea for family use, has stout vines about 2 feet high and very prolific. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.50.

GRADUS OR PROSPERITY—This is the largest early wrinkled pea, the vine has heavy stems and grows about 3 feet high. The peas are of excellent flavor and remain tender and sweet for some time after they are large enough for use. The best second early variety for family use. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.50; bu., \$5.75.

THOMAS LAXTON—Somewhat later than the Gradus and Eclipse, but larger, dark green pods and more productive. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.50; bu., \$5.75.

HORSEFORDS MARKET GARDEN—A very prolific second early pea, large pods, vines strong and healthy growing, about 2 feet high and requires no stakes. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.30; bu., \$4.60.

SUTTON'S EXCELSIOR—A splendid early dwarf, wrinkled, pale green pea; has large, handsome pods, 3 inches long, filled to the point with large, tender peas, of most delicious flavor; height 15 inches. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.50; bu., \$5.50.

PREMIUM GEM—A favorite early dwarf pea; bears well; good quality: Height 18 inches. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.50; bu., \$5.50.

BLISS EVERBEARING—A good variety, that continues in bearing a long time. A general favorite. Height 3 feet. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.40; bu., \$5.00.

D. & B.'S IMPROVED DARK GREEN TELEPHONE—Productive, sugary; pods contain 6 or 7 peas; late, height 4 feet. One of the most popular sorts for main crop. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.50; bu., \$5.25.

I am sending you another order for your D. & B.'s Selected Extra Early Peas. I tried them last season, and they were fine.

Yours truly,

MRS. ROSA A. RUDD.

I used your Seeds last year for the first time and with great success, and I doubt if I could get better Seeds anywhere. The Garden Peas you sent me were especially fine.

Lunenburg County, Va., February 9, 1914.

Yours truly,

E. W. EMERY



D. & B.'S IMPROVED GREEN TELEPHONE



Pepper

Sow in hot bed in February or March. Transplant in May to 3-foot rows, 15 inches apart.

CHINESE GIANT—This is the largest and finest mild red pepper, being double the size of the Ruby King. It is very productive; plants are vigorous in growth, of stocky habit, about two feet high. Well branched and thickly set with fruit, which hangs in clusters. The flesh is extremely mild, as sweet as an apple and very thick. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

RUBY GIANT—An improvement over the Ruby King, being much larger. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

RUBY KING—Bright, ruby red; very mild and pleasant and can be used as salad. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

LONG RED CAYENNE—Long, bright red pods; hot; the most popular for seasoning. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

CHINESE GIANT PEPPER

PEPPER PLANTS—See page 22.

If Peas are wanted by mail, add postage—1 pint, mailing weight 1 pound; 1 quart, mailing weight 2 pounds.

Seed Sweet Potatoes

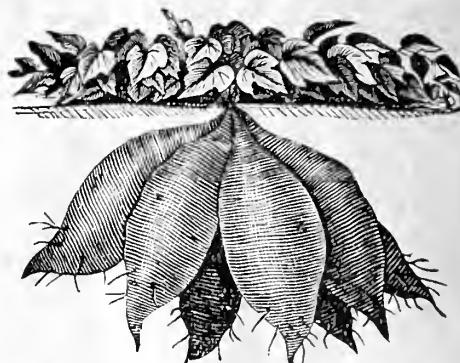
Plant in hotbeds in April. Water freely. Transplant in May and June to 3-foot rows 15 inches apart, fertilize with strong potash mixtures.

We make a specialty of seed sweet potatoes, getting them in fresh from Hanover County every day; and handling them in large quantities as we do, we are enabled to offer them at especially close prices. But prices fluctuate very much frequently from day to day. Write us for prices when ready to plant.

Sweet Potatoes are very perishable and will not keep very long after being taken out of the kilns, especially in damp or rainy weather. For this reason we cannot carry them in stock, but get them in fresh from the kilns every day, and make shipments the day we get them in. We ship only good, fresh, sound potatoes, in firm condition, but we cannot guarantee safe arrival of anything so perishable, though we are very careful in packing and shipping them while fresh, but under no circumstances will we be responsible for Potatoes which may be in bad condition when received, and only under these conditions will orders for Sweet Potatoes be accepted by us.

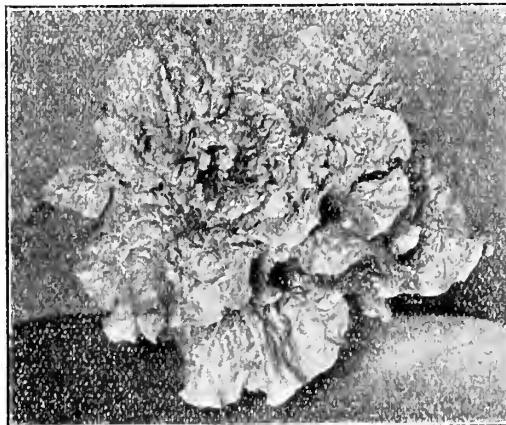
HANOVER YELLOW—The leading Yellow Potato raised in Hanover County, which is noted for its excellent Sweet Potatoes. It has a rich yellow color, grows to a large size, is unusually productive and the quality is unsurpassed. Pk., 50 cts.; bu., about \$1.25; bbl., price quoted on request.

HANOVER WHITE YAM—This is the well-known White Sweet Potato. It grows to a larger size than the Yellow Potatoes, and is much sweeter. This is the best variety to grow on heavy soils. Pk., 50 cts.; bu., about \$1.25; bbl., price quoted on request.



SWEET POTATOES

SWEET POTATO PLANTS. See page 22.



NORFOLK SAVOY OR BLOOMSDALE SPINACH

Squash or Cymling

Plant in hills in warm, fine, rich, fertilized soil. Grow 3 plants to the hill. Plant bush varieties 5 feet apart; running varieties, 8 feet. About 3 pounds to the acre.

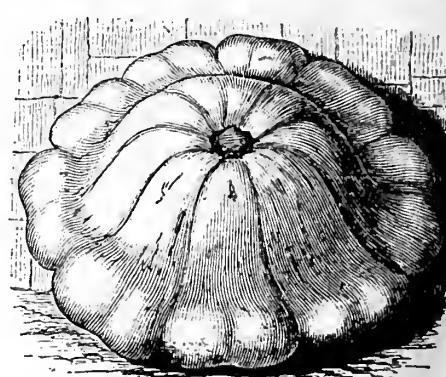
EARLIEST PROLIFIC—The earliest White Squash in cultivation; can be planted close together, as it is strictly a bush squash. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

D. & B.'S EARLY WHITE BUSH—Early; cream color; very prolific; nice size; good shipper; the most popular variety. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

MAMMOTH WHITE BUSH—Larger and more uniform than Early White Bush but later; waxy white color. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

GIANT SUMMER CROOKNECK—Bush, very prolific; profusely warted; bright yellow squash of good flavor. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

EVERBEARING—A large white squash, similar in appearance to the White Bush, but not as early.



D. & B.'S EARLY WHITE BUSH SQUASH

SQUASH—Continued

It is a running squash, very productive and as its name indicates, will continue bearing all summer if the squashes are kept picked off. Good table variety, also good for stock feeding. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

HUBBARD SQUASH—A running winter squash of first-class quality and a splendid keeper. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

BOSTON MARROW—Oval; flesh orange color; fine grained; cooks rich and dry; keeps well. Running variety. One of the best for winter. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

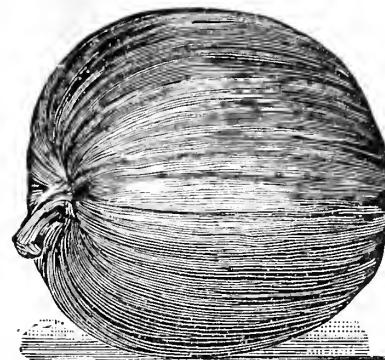
Pumpkin

Plant in May and June in rich hills 8 feet apart. When vigorous, thin to three plants to the hill. May be planted in corn. One ounce to twenty hills; three pounds to the acre.

VIRGINIA MAMMOTH—Rich, golden color; keeps well; very large, often taking prizes for largest pumpkin, and will keep for several months. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

SMALL SUGAR—A small but prolific variety of yellowish, red color; used mostly for table purposes. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

GOLDEN CUSHAW—Very productive, good for table and stock feeding. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



VIRGINIA MAMMOTH PUMPKIN

LARGE CHEESE, OR KENTUCKY FIELD—A large, flatish variety of good quality. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

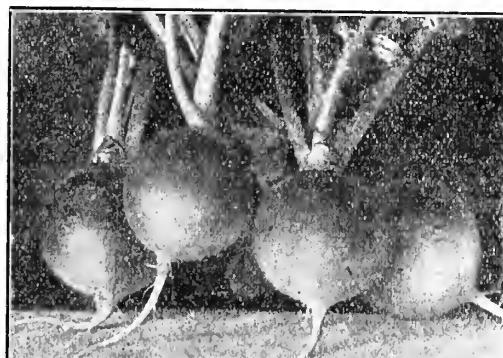
CORNFIELD, OR BIG TOM—The old standard for table and stock. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.; 5 lbs. and over, at 25 cts. lb.

Radish

Culture: Sow in drills very early in the spring, and later for a succession at intervals of ten days. Must have very rich soil, plenty of moisture, light and ventilation to insure quick, rapid growth. For very early, sow in hotbeds. One ounce to 50 feet of drill; 10 pounds to the acre.

D. & B.'S WHITE TIPPED FORCING—This radish is extremely popular, both for gardeners and private use. The outer skin is bright crimson color with white tip. Our strain is superior to most stocks offered. Making a nice turnip shaped, clean root. On account of its small top it is largely used for forcing, and extremely satisfactory for earlier use out of doors. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

EARLY FORCING SCARLET GLOBE—The earliest radish and one of the best for forcing. Has a very small top, bright red color; a very beautiful variety. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.



D. & B.'S EARLY WHITE TIPPED FORCING

CRIMSON GIANT GLOBE—A large, early variety; foliage is small and can be planted close. Valuable for early market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

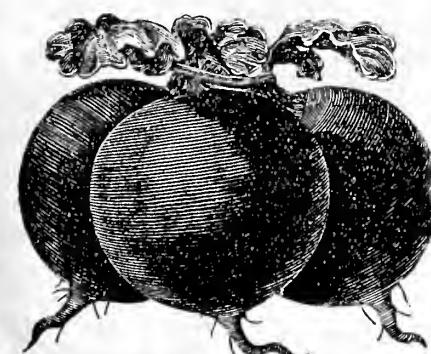
EXTRA EARLY SCARLET OR RED TURNIP—Small, round, crisp, tender; tops small; grows very rapidly. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

EXTRA EARLY SCARLET OLIVE SHAPED—A quick-growing, crisp radish, oblong in shape, of excellent quality; a good variety for either market or home garden. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

EARLY WHITE TURNIP—An early white turnip-shaped radish. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

FRENCH BREAKFAST—A white-tipped, olive-shaped sort, and one of the earliest forcing varieties, but should be used while young. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

GOLDEN GLOBE SUMMER—Very large, crisp and tender; stands hot weather, and may be planted late. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.



CRIMSON GIANT RADISH

LONG SCARLET, SHORT TOP—Long, bright scarlet; fine for forcing. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

ROSE CHINA WINTER—Rose colored; flesh white; cylindrical; one of the best winter Radishes. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.

WHITE STRASBURG—Large, long, solid; one of the best for summer use. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

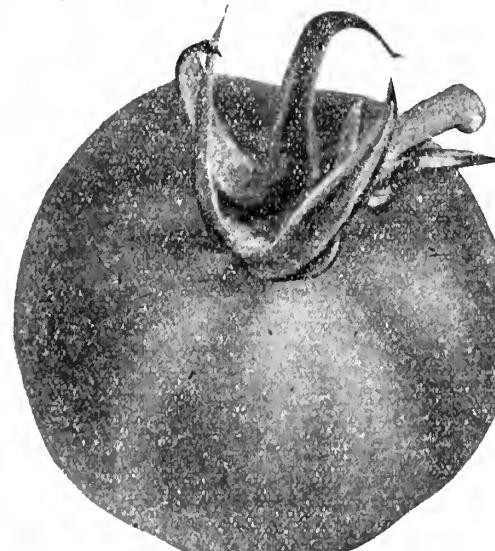
Tomato

Sow in hotbeds in early spring and transplant when danger of frost is past. Set 3 to 4 feet apart. For very early fruit, grow in small pots under cover, thus placing in open without checking the growth.

THE BRIMMER—This tomato is somewhat similar to the well-known Ponderosa, but is even larger than that variety. It has strong, healthy vines and is very productive. It is not an early variety, but its flesh is solid and meaty, and has very few seed. A splendid tomato for family use, but most too large to be a profitable market sort. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

JUNE PINK—An improvement on the Earliana. Is of a beautiful pink color. Very early. Of a good size, smooth and prolific. A profitable sort for market gardeners, but not as good for a main crop as some other varieties. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.00.

RED ROCK—A most desirable and profitable variety for truckers and canners. It is an immense yielder, smooth as an apple; very red, heavy and an excellent shipper. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.00.



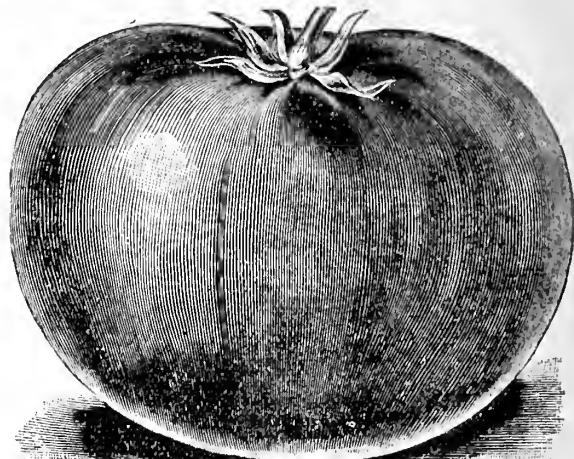
LIVINGSTON'S STONE

TRUCKERS' FAVORITE—One of the best; large, solid, purple fruit; main crop Tomatoes. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

SPARK'S EARLIANA—One of the earliest varieties; bright red and smooth; very productive. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 55 cts.; lb., \$1.75.

DWARF STONE—A dwarf upright growing variety for main crop; unusually hardy and productive; beautiful red color; fruit very firm and solid. Continues in bearing a long time; on account of the dwarf growth can be planted closer together than other varieties. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

MATCHLESS—Fine for table, market and canning; large, solid, coreless; free from rot; one of the best for main crop. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



BONNY BEST

LIVINGSTON'S GLOBE—Pinkish, purple color, very thick, large size. Smooth, and solid. Vines of vigorous growth and productive, specially recommended to truckers as a shipping variety. Carry well. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

I. X. L.—One of the earliest varieties, is very smooth, of good size; bright red color, ripens uniformly. A money-maker as an early Tomato. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

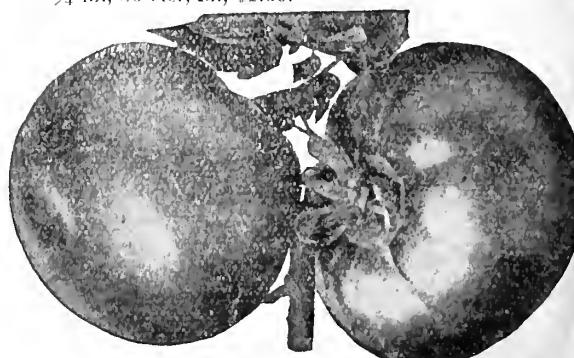
BONNY BEST—An extra early, large, smooth, bright red Tomato, a heavy yielder; good market variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.25.

CHALK'S EARLY JEWEL—About a week later than Earliana. The vines are strong and compact, and loaded with fruit of a bright scarlet color. Thick flesh and few seed. Thin skin, but tough, and makes a good shipping and market variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

LIVINGSTON'S STONE—Large, bright scarlet; firm, uniform, hardy; an excellent shipper; one of the best for the late crop and canning purposes. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

EARLY ACME—Smooth, solid; ripens uniformly; bears till frost; ships well; an old favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.40.

LIVINGSTON'S BEAUTY—Large, solid, smooth, purplish pink; an old favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.



JUNE PINK TOMATO

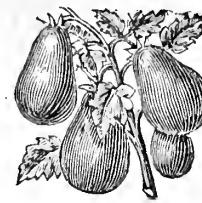
TOMATOES—Continued

PONDEROSA—A very large and handsome bright red Tomato and especially adapted to family use. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

YELLOW PEAR-SHAPED—Small; for preserves. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

YELLOW PLUM-SHAPED—Small; for preserves. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

TOMATO PLANTS—See page 22.



YELLOW PEAR TOMATO

Mathews County, Va.

July 21, 1914.

I have been handling your Seed in my business this season and have found them excellent.

Yours truly,
WM. H. C. MURRAY.

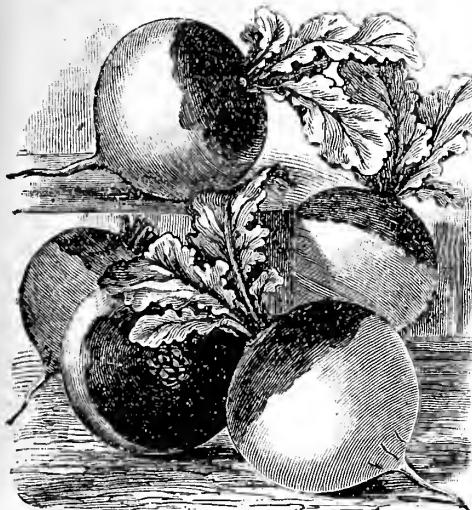
Henrico County, Va.,
September 14, 1914.

It is a pleasure to deal with men who know how to be gentlemen in business. Yours truly,

DR. WALTER P. RHODES.

Turnip

Sow Ruta Bagas from June to August in drills 3 feet apart; thin out to 6 inches. Sow Turnips from July to October for Turnips and Salad; 1 to $1\frac{1}{2}$ pounds per acre in drills; $1\frac{1}{4}$ to 2 pounds broadcast. For salad 3 to 4 pounds broadcast. Can be sown in spring for summer use. 5 pounds and over, 5 cts. per pound less than single pound prices.



IMPROVED RED TOP WHITE GLOBE TURNIP

LARGE YELLOW OR AMBER GLOBE—Reliable main crop variety for stock or market. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

YELLOW ABERDEEN—Splendid for stock. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

DANISH BORTFELDER—This Turnip has been awarded the first-class certificate several times by the Danish Government as the most productive of all Turnips. It has long root, cream color, delicate green top, rapid grower, heavy cropper and an excellent keeper. Give it a trial. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

EARLY RED OR PURPLE TOP—(Strap-Leaved) A desirable early variety for home or market. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

LONG WHITE COWHORN—A good variety for the table and stock feeding. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

SOUTHERN PRIZE—Very hardy, stands cold; especially recommended for salad or stock. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

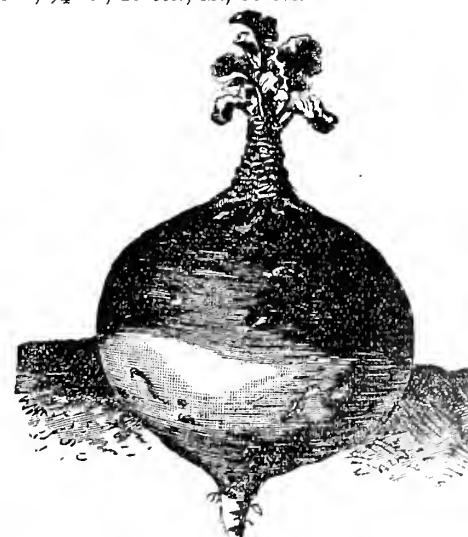
SEVEN TOP—For salad only, roots being of very little value; very hardy. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

MIXED TURNIP SEED—As many of our customers prefer to sow Turnips of several varieties together, we offer these in mixture of the best leading varieties. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

IMPROVED AMERICAN PURPLE TOP YELLOW RUTA BAGA—The best variety for table and for stock feeding. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

PURPLE TOP YELLOW RUTA BAGA—(Imported)—Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

IMPROVED AMERICAN PURPLE TOP YELLOW RUTA BAGA



Tobacco

Everyone of our Tobacco Seed are grown on farms which comprise nearly 2,000 acres of the best Tobacco land in the Tobacco Belt. They are grown under improved scientific methods by reliable men under the supervision of a Tobacco Grower of 46 years' experience. We offer no light, cheap Seed for sale, the Seed we offer are saved from only the topinost pods of the best Plants, cleaned of all filth and imperfect Seeds and no pains nor expense is spared to give our customers the very best Tobacco Seed that can be had at any price.

Sow in February and March in a rich and perfectly clean plant bed, from which all seeds and insects have been destroyed by firing. Protect from flies and transplant about June to highly fertilized soil, $3\frac{1}{2}$ to 4 feet each way. Cultivate thoroughly and guard well against suckers and worms.

WARNE—A splendid variety for bright yellow wrappers. Grows to a larger size and holds itself up well. The leaf is large, of medium breadth and very fine grained. It is tough, silky and makes one of the best varieties grown if properly managed. Comparatively new, but already very popular. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.



TOBACCO PLANT

IMPROVED LONG LEAF GOOCH—In this variety we have our ideal Tobacco for Eastern North Carolina and South Carolina, and a portion of Georgia. It is an ideal variety for Sandy Soils, grows unusually large, produces large, broad leaf of No. 1 quality, cures well, brings a good price, and makes more pounds to the acre than most varieties. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

IMPROVED YELLOW ORINOKO—Developed by careful, continuous selection from the Old Standard Yellow Oronoko, which has been more extensively planted for the Yellow Type than any other. Its growth is large, but erect, its leaves are large but of the finest texture. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

BLUE PRYOR—The genuine James River favorite, in fact a general favorite wherever grown, and commands good prices. Rich shipper, and is superior to the Kentucky Blue Pryor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

SWEET OR LITTLE ORONOKO—This is a very superior Oronoko Tobacco, the leaf is long, with a good breadth, has a small stem and very fine texture, used for first-class plug fillers and makes when sun-cured, the best natural chewing leaf, on account of its sweetness. It is a general favorite for the "Home-spun" wherever known, especially liked by some for its earliness and ability to stand upon the hill for some time without becoming over-ripe. In all respects an ideal manufacturing Tobacco. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

KENTUCKY YELLOW—An extra large and very superior variety which is extremely popular in the West. The leaf is unusually large but of surprisingly fine texture when size is taken into consideration. Its products are well established upon the market and in great demand. Its large size, handsome shape, and excellent quality are certain to give it a yearly increase in popularity. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

BIG HAVANA—A hybrid Havana or Cuban seed-leaf. A heavy cropper of fine texture, delightful flavor and earliest cigar variety to mature and ripen. Will make two crops from one planting in the South, while its earliness makes it most desirable for high latitude. The best Americanized Havana. Pkt.; 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

IMPROVED ONE SUCKER—Plants grow to medium large size, the leaf medium size, fine grained and of excellent quality. On light, gray soil this will make a good, bright tobacco, but is especially adapted to make a dark, heavy export tobacco. Long noted for it unusually small growth of suckers. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

BIG ORONOKO—The leaf is large, broad, of handsome appearance, cures well and possesses a great deal of weight and body. For strips and dark wrappers it has no superior. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

WHITE BURLEY—A large, broad leaf, light colored tobacco with thick, porous leaves; raised very extensively in Kentucky and is becoming a prime favorite in Virginia on account of its porous quality; is especially recommended for fillers. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., 90 cts.

Augusta County, Va., January 16, 1915.

I was very much pleased with the Crimson Clover Seed which I ordered from you last fall. I have a good stand.

J. W. GARBER.

Pasquotank County, N. C., January 6, 1915.

It has been a pleasure to deal with your house. Have always found your Seeds thoroughly reliable.

B. F. SPENCE.

King William County, Va., July 24, 1914.

I was very much pleased with the Celery Plants you sent me. Please mail 200 more, and oblige,

Very truly yours,
JAS. K. ROANE.

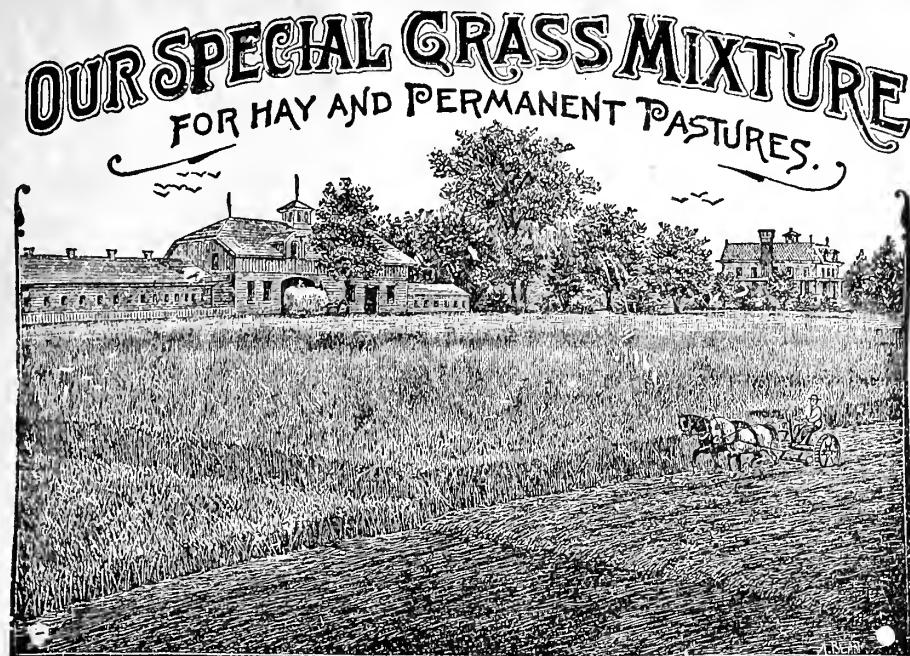
New Kent County, July 14, 1914.

I bought Cabbage Plants from you last year and never had better Plants than they were.

Yours truly,

BRADLY BROS.

Send us your order for Seeds early so as to have them on hand when you are ready to plant.



D. & B.'s Grass Mixtures

It has long been an established fact that Grass Seed sowed in mixture makes a far better yield of hay and also a better pasture than when one variety is sowed alone. We have made a study of Grass Mixtures and in offering the following we have the ideal mixtures for the purposes for which they are recommended. Only the highest grade of seed are used and they are thoroughly mixed in the proper proportions to get the best results. In the Hay mixtures we use only the Grasses which have proven the best to sow together and which mature and ripen together, which is, of course necessary to get the best crops. We have most flattering testimonials from many of our customers telling us of their enormous yields and splendid results they have had from seeding our mixtures. We recommend these mixtures with entire confidence, and we feel sure that they cannot be improved upon, but should any of our customers prefer a different mixture, we will be glad to mix the seeds in any proportion they may wish.

These prices subject to market changes.

D. & B.'S GRASS MIXTURE.

No. 1 FOR HAY OR PASTURE.

Recommended for light or loamy upland, for either hay crop or grazing purposes.

COMPOSED OF

Orchard Grass. Tall Meadow Oat Grass.
Perennial Rye Grass. Red Clover.
Alfalfa.

These Grasses mature and ripen together, making a splendid hay. Sow 30 to 35 lbs. to the acre.

Price, per lb., 18 cts.; 10 lbs., 16 cts. lb.; 100 lbs., \$15.00.

D. & B.'S GRASS MIXTURE.

No. 2 FOR PASTURE.

Recommended for light or loamy upland.

COMPOSED OF

Orchard Grass. Tall Meadow Oat Grass.
Perennial Rye Grass. Herds Grass.
Canada Blue Grass. Red Clover.
White Dutch Clover. Alfalfa.

Sow 30 to 35 lbs. to the acre.

Price, per lb., 18 cts.; 10 lbs., 17 cts. lb.; 100 lbs., \$16.00.

D. & B.'S GRASS MIXTURE.

No. 3 FOR HAY

Recommend for stiff, heavy or low lands.

COMPOSED OF

Timothy. Herds Grass.
Mammoth Clover. Alsike Clover.
Meadow Fescue.

These Grasses mature and ripen together.
Sow 20 lbs. to the acre.

Price, per lb., 18 cts.; 10 lbs., 17 cts. lb.; 100 lbs., \$16.00.

D. & B.'S GRASS MIXTURE.

No. 4 FOR PASTURE.

Recommended for stiff, heavy or low lands.

COMPOSED OF

Kentucky Blue Grass. Herds Grass.
Alsike Clover. White Dutch Clover.
Meadow Fescue.

Sow 30 to 35 lbs. to the acre.

Price, per lb., 20 cts.; 10 lbs., 18 cts.; 100 lbs., \$17.00.

Miscellaneous Farm Seeds

The prices of all Field Seeds are constantly fluctuating, therefore we do not quote prices on these articles in quantity in our catalogue, but we will cheerfully quote firm prices and mail samples at any time on request. Two and one-half bushel Cotton Sacks to hold Clovers, Timothy and Herds' Grass will be charged for extra at cost, 22 cts. each.

RED CLOVER (TRIFOLIUM PRATENSE)—This is the common Red Clover so popular everywhere—the farmer's friend, the soil restorer, the bountiful feed plant. Can be sown in the Spring from February 15th to April 1st; also from July 1st to October 1st, and will be ready for mowing the following Spring. Sow 12 to 15 pounds to the acre. Present price D. & B.'s Best, per lb., 20 cts.; 10 lbs. at 19 cts., bushel price on request.

MAMMOTH SAPLING, OR PEAVINE CLOVER (TRIFOLIUM PRATENSE)—Very much like the common Red Clover, but larger, of heavier growth and later. Especially recommended for thin soils. Sow 12 to 15 pounds to the acre. Present price D. & B.'s Best, 20 cts. lb.; 10 lbs. at 19 cts., bushel price on request.



ALFALFA

ALFALFA OR LUCERNE (MEDICAGO SATIVA)—This grows 2 to 4 feet high; will bear cutting four or five times a year on very rich, deep soil. Will stand five or ten years with one seeding, and stands drought remarkably well. It is becoming more generally used every year; the land should be thoroughly prepared and seeded; 25 to 30 pounds to the acre. Present price, D. & B.'s Best American Grown Seed—Per lb., 17 cts.; 10 lbs., at 16 cts.; bushel price on request.

GERMAN CRIMSON OR ANNUAL CLOVER (TRIFOLIUM INCARNATUM)—Makes excellent green foliage, or if cut when in bloom will make good hay. Especially valuable for improving the soil, making a quick, heavy and very valuable crop for plowing under. May be sown to advantage among corn, cotton or tobacco at the last cultivation, and will afford a dense

mat for turning under in spring. Sow 25 to 30 pounds to the acre from July to November. Present price, D. & B.'s Best—Per lb., 10 cts.; 10 lbs. at 9 cts.; bushel price on request.

Henderson County, N. C., April 30, 1914.

We will want from you several hundred pounds of Crimson Clover later. The 500 lbs. we purchased from you last year was the best I ever saw before. Yours truly,

NAPLES SCHOOL.

Caroline County, Va., July 15, 1914.

You will please ship us 57½ bushels of Crimson Clover. Your Seed gave entire satisfaction last year, and it is mainly due to this fact that we wish to order from you again. Very truly yours,

C. BURRUSS, Seey.

Gloucester County, Va., September 25, 1913.

Enclosed please find check in payment of Crimson Clover Seed, which was received, and in good condition, and accept my thanks for your prompt attention in shipping all of my orders so promptly, and the nice quality Seed I always get from your house.

Very respectfully,

A. B. ROANE.

Gloucester County, Va., July 14, 1914.

Please ship me four bushels D. & B.'s Best Crimson Clover Seed. I shall want more when the New Crop Seed comes in. Your Seed always gives me entire satisfaction. Very respectfully yours,

R. B. ROANE.

One of our customers, who purchases a considerable quantity of Crimson Clover from us, and referring to a shipment of fifty bushels writes:

Mecklenburg County, N. C., October 10, 1914.

"I was very much pleased with the fourteen bags of Crimson Clover which I received from you the other day, and I am now writing to ask that you ship me two more bales at oneo, and oblige."

Yours very truly,

E. B. BYRUM.

Wake County, N. C., August 11, 1914.

Last year I bought from you over \$100.00 worth of Crimson Clover Seed. Your Seeds have always proved to be highly satisfactory.

Yours truly,

R. E. L. YATES.

Autauga County, Ala., August 10, 1914.

I was very much pleased with the Crimson Clover I bought from you last year.

Yours truly,

F. M. HOWARD.

CLOVERS—Continued.

WHITE GERMAN OR ANNUAL CLOVER—Similar to Crimson Clover, except it has a white blossom instead of a crimson, and grows larger and is from 2 to 3 weeks later in maturing. Present price—D. & B.'s Best, lb., 12 cts.; 10 lbs. at 11 cts., bushel price on request.

ALSIKE CLOVER (TRIFOLIUM HYBRIDUM)—This is probably the best variety to sow with other grasses for a good mixed hay. On stiff, moist soil, makes pasture, but is chiefly valuable for hay. Stands cold well, on either wet or dry soils. Largely sown for bees. Sow 12 to 15 pounds to the acre. Present price—D. & B.'s Best, 20 cts. lb.; 10 lbs. at 19 cts., bushel price on request.

WHITE DUTCH CLOVER (TRIFOLIUM REPENS)—Thrives in any soil or climate, and being of low, creeping growth, is especially valuable for pastures and lawns. Present price—D. & B.'s Best, per lb., 30 cts.; 10 lbs., at 29 cts. lb.; price in quantity quoted on request.

WHITE BOKHARA, OR SWEET CLOVER—This is a good clover to sow on poor or thin land as an improver and to prevent washing. It is very hardy and stands heat and drought remarkably well. It makes good grazing while young and also makes good quality hay if cut before it blossoms, but if allowed to grow tall or blossom it gets hard and woody. Is a good crop to sow to inoculate soil to be followed with alfalfa; is also valuable for bees; we would recommend a trial of this Clover on poor soil. Sow about 15 to 18 pounds of Recleaned Seed to the acre and of Seed in the chaff, 25 to 30 pounds to the acre. Present price Fancy Recleaned Seed, 25 cts. lb.; 10 lbs. at 24 cts. Write for prices in quantity, Seed in Chaff, per lb., 20 cts.; 10 lbs. at 19 cts.; 100 lbs., \$18.00.

BURR CLOVER—When seeded in the summer or early fall this Clover will make a valuable grazing crop from November until June. It reseeds itself and improves in growth each succeeding year. Is also a valuable soil improver. Sow 15 to 20 pounds to the acre. Price on application.



CRIMSON CLOVER

FARMOGERM

(High Bred Nitrogen Fixing Bacteria)

A RELIABLE METHOD OF INOCULATION

Farmers the world over are beginning to understand that success with legume crops such as Peas, Beans, Peanuts, Clovers, Alfalfa, Vetch, etc., depends to a great extent on having the right kind of bacteria to supply these plants with Nitrogen—Farmogerm is the only preparation of legume bacteria that have been bred up and selected and that can be guaranteed to be *pure, live and active*. Put Farmogerm on the seed before planting your next legume crop, as it is one of the best forms of crop insurance.

The biggest and cheapest source of Nitrogen in the world is in the air. The problem is to change the Nitrogen in the air into nitrates on the roots of the plants. That is exactly what Farmogerm Bacteria does, and the amount of Nitrogen that you can secure from a crop of peas, beans or any other legume depends on the quantity of the bacteria you have in the soil. If



you are interested in improving your land at the least possible cost it will pay you to use Farmogerm.

Endorsed by colleges and experiment stations and the best agricultural authorities.

Seven years of constantly increasing demand from thousands of users prove its value.

PRICES.

Farm Size for 5 acres, \$9.00. Trial size for 1 acre, \$2.00. Garden size for Peas, Beans and Sweet Peas, 50 cts. In ordering state which of the following crops you wish it for: Cow Peas, Soja Beans, Peanuts, Alfalfa, Clover (what kind), Canada Field Peas, Garden Peas or Beans.

Full Farmogerm Literature Sent
Free on Request.

Grasses



ORCHARD GRASS

ORCHARD GRASS (DICTYLIS GLOMERATA)—This is one of the most reliable grasses for hay or pasture in this section, making quick, vigorous and continuous growth from early spring to winter. Sow 30 lbs. to the acre in spring or fall, and in any soil; loamy upland is best. Also excellent to mix with other grasses. Price fluctuates. Present price—D. & B.'s Best, 16 cts. lb.; 10 lbs. at 15 cts., larger quantities quoted on request.

TALL MEADOW OAT GRASS (AVENA ELATIOR)—A most valuable grass for the South, as it stands heat and drought well and flourishes on dry, light soils. Splendid for pastures and for hay; may be cut twice in a season. Sow 30 lbs. to the acre. Price fluctuates. Present price—Per bu., D. & B.'s Best, 18 cts. lb.; 10 lbs., at 17 cts., larger quantities quoted on request.

Jefferson County, West Va., September 14, 1914.
I have been getting such good Oat Grass Seed from you for several years that I come to you again for myself and neighbors. Please ship me fourteen bushels at once. I have delayed order waiting the pleasure of neighbors.

Yours truly,
J. H. THOMPSON.



TALL MEADOW OAT GRASS

TIMOTHY (PHLEM PRATENSE)—Very nutritious, and salable for hay, but not so good for pasture, as it is injured by close cutting or grazing. Thrives best on heavy soils, especially if moist, and should not be sown on light, dry land. Good results are obtained if mixed with Red Top or Herd's Grass, Sapling Clover, Alsike or some grass maturing at same time. Sow 15 pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, per lb., 10 cts.; 10 lbs. at 9 cts., larger quantities quoted on request.

My crop of Grass is looking fine from the Seed I bought of you last year.

Yours truly,

Amelia County, April 21, 1914.

MRS. LAVINIA LEWIS.

I received to-day my shipment of Grass Seed from you all right. I am much pleased with them, and I thank you very much for shipping them so promptly.

Yours truly,

Louisa County, Va., October 2, 1914.

JAS. W. MOSS.

I will send you another order for Herd's Grass Seed very soon. Your Seeds always give satisfaction, and I always recommend your firm to my friends and neighbors. I am a Farmers Union man.

Most respectfully yours,

Louisa County, Va., March 19, 1914.

OTTO, D. HALL.

I received promptly the Herd's Grass ordered from you last spring, and I like them fine.

Yours truly,

C. E. LEFTIS.

RED TOP, OR HERD'S GRASS (ARGROSTIS VULGARIS)—This excellent pasture and hay grass does well on any soil. But, perhaps, thrives better on moist, heavy soils than on light. It spreads and thickens from year to year, and will gradually supplant other grasses. Matures at same time as Timothy, with which it makes a good mixture. Sow 10 to 12 pounds of fancy clean seed to the acre. Price fluctuates. Present price—D. & B.'s Best, fancy recleaned, 30 cts. per lb.; 10 lbs. at 29 cts., larger quantities quoted on request. Unhulled seed, 18 cts. per lb.; 10 lbs. at 17 cts.; \$17.00 per 100 lbs.

KENTUCKY BLUE GRASS (POA PRATENSIS)—This grass succeeds best on limestone soil, but does well on any stiff soil. Stands cold, but does not do well in extreme heat. Grows slowly at first, making a thick, compact turf. First-class for lawns or pasture. Succeeds better, however, when mixed with other grasses. Sow either in the fall or spring. Thirty-five pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, per lb., 20 cts.; 10 lbs. at 15 cts., larger quantities quoted on request.

CANADA BLUE GRASS (POA COMPRESSA)—Similar to the Kentucky Blue Grass, and is recommended by authorities on grasses for our Southern soils, as it is very hardy and resists drought. We especially recommend its use in mixtures for lawns and pastures. Present price—Per lb., 15 cts.; 10 lbs. at 14 cts., larger quantities quoted on request.

MEADOW FESCUE, RANDALL, OR ENGLISH BLUE GRASS (FESTUCA PRATENSIS)—Remains green all winter, making fine, nutritious pasture, and also yields well as hay crop. Largely used for grazing. Sow about 30 pounds to the acre. Price fluctuates. Present price, per lb., 15 cts.; 10 lbs. at 14 cts., larger quantities quoted on request.

PERENNIAL RYE GRASS (LOLIUM PERENNE)—Good for hay and pasture, if sown on strong, moist soil, but does not stand drought well. It grows rapidly and matures very early, and lasts several years. Sow 30 pounds to the acre. Price fluctuates. Present price—per lb., 10 cts.; 10 lbs. at 9 cts., larger quantities quoted on request.

For Lawn Grass see back cover page.

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KENTUCKY BLUE GRASS

GRASSES—Continued.

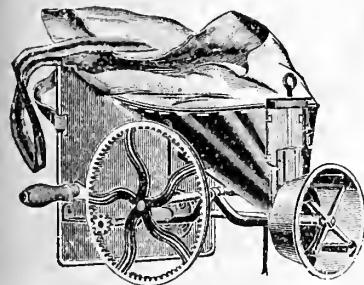
ITALIAN RYE GRASS (LOLIUM ITALICUM)—Larger and stronger than Perennial Rye Grass; has large, broad, glossy green blades. Thrives best on moist, fertile soils, furnishing three or four cuttings a year. Sow about 40 pounds to the acre. Price fluctuates. Present price—per lb., 10 cts.; 10 lbs. at 9 cts., larger quantities quoted on request.

BERMUDA GRASS—A valuable grass for permanent sod, and especially recommended for dams and terraces, as it has long, tough roots and of a matty growth; prevents land washing; would not advise sowing on land which is to be planted in other crops, as it is very tenacious in habit and very hard to eradicate after it once gets a hold. It is very similar to our Virginia Wire Grass. Sow in March or April, 3 to 5 pounds to the acre, in well-prepared soil. Per lb., 50 cts.; 10 lbs. at 45 cts. per lb.

CREEPING BENT GRASS (AGROSTIS STOLONIFERA)—Very hardy, standing trampling of pasture or lawns better than any other grass. Thrives best on moist lands. Sow about 40 pounds to the acre. Price fluctuates. Present price—per lb., 40 cts.; 10 lbs. at 38 cts., larger quantities quoted on request.

HARD FESCUE (FESTUCA DURIUSCULA)—This makes excellent lawns and pasture on dry soils and stands drought well; keeps green all winter. Sow about 35 lbs. to the acre. Price fluctuates. Present price—per lb., 20 cts.; 10 lbs. at 18 cts., larger quantities quoted on request.

SHEEP FESCUE (FESTUCA OVINIA)—Excellent for sheep pastures and flourishes on dry, rocky soil, where other grasses will not grow. Makes a short, thick, deep turf, especially valuable for pleasure grounds. Sow about 35 pounds to the acre. Price fluctuates. Present price—Per lb., 20 cts.; 10 lbs. at 18 cts. Write for prices in quantity.

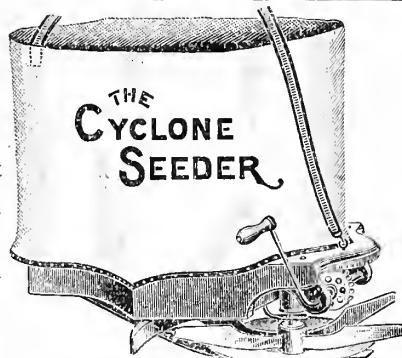


THE CAHOON BROADCAST SEED SOWER

The standard broadcast seeder and the best manufactured. Sows all kinds of grain, Clover, Timothy and heavy seeds. Very simple in operation and sows 4 to 6 acres an hour at a common walking gait. Distributes seeds uniformly in one-fifth the time required by hand. Circular on request. Price only \$2.75.

THE CYCLONE SEED SOWER

This is a splendid little Seeder at a very modest price. Sows any kind of seed evenly, also Fertilizers, Bone or Ashes. Will pay for itself in a few hours. Made of tin and fits the body snugly. Price only \$1.50 each, mailing weight 5 lbs.



Fauquier County, Va., September 22, 1914.
I sincerely appreciate your promptness in shipping my order. The quality of your Seed is good, and I believe that your courtesy in according my recent order immediate attention, attended by the fact that your Seed is so excellent, will bring about more business between us.

Very truly yours,
G. H. DACY.

King and Queen County, Va., March 6, 1913.
I will say that I am sure I get recleaned and better Seeds from your than from any other Seed House. Your Seeds have always shown up better.

Yours very truly,
C. C. VAUGHAN.

Hanover County, Va., September 25, 1914.
I am very much pleased with all the Seeds that I have bought from you, and thank you for your promptness.

Very truly yours,
W. C. SHELTON.

Hanover County, Va., March 8, 1914.
Please send me your catalogue, I bought my Seeds from you last year, and was so well pleased with them that I want to buy some more from you.

Yours truly,
W. A. HURT.

Chesterfield County, August 15, 1914.
This has been a hard season on farmers, but you certainly have sold me good Seeds.

Yours truly,
JAMES WEST.

D. & B.'s Selected Seed Corns

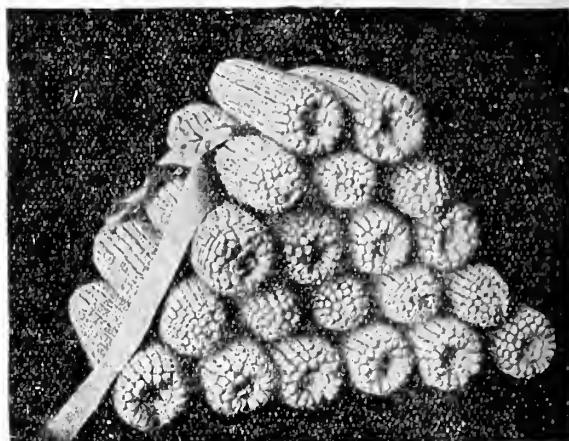
All of our Field Corns are raised in Virginia, selected and grown under contract especially for seed purposes. The seed is saved only from the largest and best ears, and the ends of the ears are cut off before shelling, which leaves only the largest and best grains for seed.

Owing to the great care we exercise in growing and selecting our Seed Corns and the superiority of our strains the demand for our Corns has increased marvelously within the last few years. Not only is our farmers' trade increasing, but we sell our corns in large quantities to many seedsmen in other States.

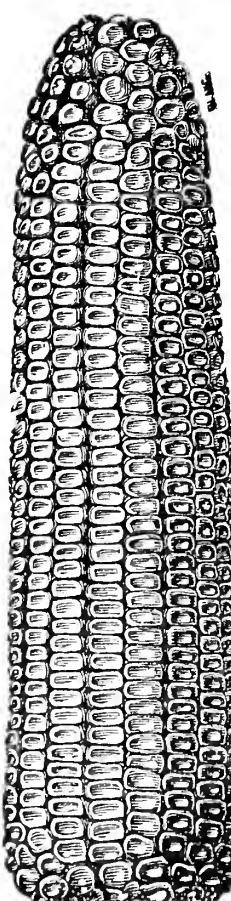
D. & B.'S VIRGINIA STATE WHITE DENT—Several years of careful breeding and selecting has developed this beautiful strain of large White Corn. It is a great improvement over the old White Dent. It is very hardy, uniform in size and productive. Is pure white, large ear, medium size cob, fills out well at both ends. Qt., 15 cts.; pk., 45 cts.; bu., \$1.60; 5 bus. at \$1.50 bu.

Selected ears on cob, per bus. of 70 lbs., \$2.00.

Your Virginia State White Dent Corn you sent me a short time ago was fine. I am very much pleased with it.
Very truly yours, I. L. WHITCOMB.



D. & B.'S VIRGINIA STATE WHITE DENT



THOMPSON'S PROLIFIC

BOONE COUNTY WHITE—A large eared variety of white corn. It has deep, soft and very white grains; it is a vigorous grower and has become very popular and has probably taken more premiums than any other variety of corn for the last few years. Being a soft corn it is excellent for stock feeding, but is more liable to rot on the stalks in a bad, wet season than harder varieties. Our seed is grown from premium stock. Qt., 15 cts.; pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

Selected ears on cob, per bu. of 70 lbs., \$2.50.

COCKE'S PROLIFIC—A very valuable white variety, making enormous yields on rich land. Especially adapted to river bottoms or lands subject to overflows, on account of its flintyness it can be shocked and harvested early and will not rot in the shock; grains white and flinty; superior for meal and hominy. Qt., 15 cts.; pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

BLOUNT'S PROLIFIC—Remarkably prolific white corn of flinty nature, producing three to six ears to the stalk. Makes splendid meal. We recommend it only for rich land. Qt., 15 cts.; pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

EUREKA ENSILAGE—This variety is bred from the Cocke's Prolific, the ears are much larger and longer, but not as many to the stalk. The ears run from 9 to 12 inches long. It is a rather hard, pure white variety and makes excellent meal. Is especially adapted to rich low grounds, and is one of the most valuable ensilage varieties. Qt., 15 cts.; pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

THOMPSON'S PROLIFIC—This is a moderately early, pure white prolific corn, average 2 ears to the stalk, shoots low to the ground, stalk of medium height, has a pretty shaped ear of medium size, grains are a good size and somewhat harder than the Dent varieties. This Corn has become very popular, and we especially recommend it as the best prolific corn for medium land. Pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

Selected ears on the cob, at \$2.25 bu. of 70 lbs.

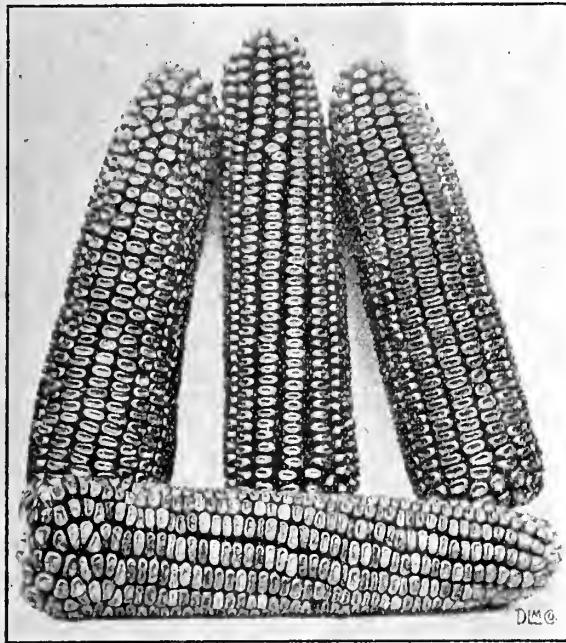
Albemarle County, Va., April 15, 1913.
Please ship me one bushel of your Thompson's Prolific Corn, it is fine. Last year I made 120 bushels of your Thompson's Prolific Corn to the acre as against only twenty-five bushels of another prolific variety.

Yours truly,
J. S. HOPKINS.

Louisa County, Va., September 22, 1914.
Please ship me the following order which I trust will be as satisfactory as the Peas, Corn and millet I bought of you this year.

Very truly yours,
MRS. THOS. B. WINSTON.

CORN—Continued.



D. & B.'S IMPROVED GOLDEN DENT

Excellent for market or ensilage. Qt., 15 cts.; pk., 50 cts.; bu., \$1.50; 5 bus. at \$1.40 bu.

VIRGINIA ENSILAGE—A large white corn with abundance of foliage which is used extensively for ensilage and fodder; also makes good yield of corn. Qt., 15 cts.; pk., 50 cts.; bu., \$1.50; 5 bu. at \$1.40 bu.

TRUCKERS FAVORITE—While this is listed with the garden corns, it is also used extensively as a field corn, as it is earlier in maturing than field corns and for this reason can be planted later than most field corns to mature before frost. Pk., 75 cts.; bu., \$2.75.

► **SOUTHERN SNOWFLAKE**—Is also listed among the garden corns, but is a good field corn, as well. Pk., 75 cts.; bu., \$2.25.

IMPROVED GOLDEN DENT—The most popular yellow corn; large deep grains; small cob; early and hardy. Qt., 15 cts.; pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

Selected ears on the cob at \$2.25 bu. of 70 lbs.

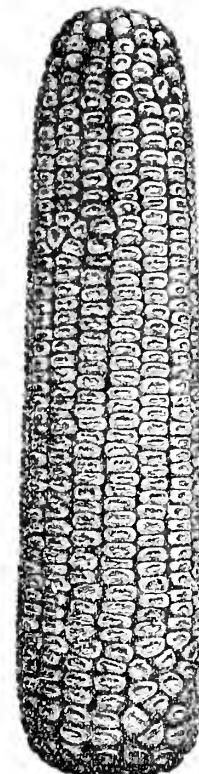


SOJA BEANS

HICKORY KING—Very large, pearly white grains; very small cob; especially good variety for high land; Qt. 15 cts.; pk., 60 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

WHITE GOURD SEED, OR HORSEROOT—A very deep grain corn, with large ears and small cob. One of the most popular for medium or light land. Qt., 15 cts.; pk., 50 cts.; bu., \$1.50; 5 bus. at \$1.40 bu.

VIRGINIA WHITE DENT—An old favorite; has long, deep grains; small cob; yields well on medium soils. Ex-



COCKS PROLIFIC

Mammoth Yellow Soja Beans

A splendid forage crop, nutritious, heavy growth, improves the soil, makes good ensilage, and withstands drought better than any other forage crop. Makes excellent hog food. Sow 1 to $1\frac{1}{2}$ bushels to the acre broadcast, or plant in drills, $\frac{1}{2}$ bushel to the acre, and cultivate like corn. Qt., 15 cts.; pk., 50 cts.; bushel price on request.

Gloucester County, Va., April 17, 1914.
The Soja Beans I bought of you last year were fine, they came up splendidly, and I got an excellent stand.

Yours truly,

J. W. ROWE.

Velvet Beans

This is a very rapid growing bean, and makes a larger growth than any other pea or bean known. They are especially recommended for improving poor, worn out lands. Can be sown broadcast, but we think it best to plant in drills and cultivate them once. After they get started they will soon cover the ground with vines so dense that it is difficult to plow them under. We recommend turning stock on them, and let them eat and trample down the vines, which can then be turned under or left until spring. Should be planted in May or June, 1 or 2 pecks to the acre, in drills, or 1 bushel broadcast. Qt., 25 cts.; pk., \$1.00; bushel price on request.

Oats



A FIELD OF BURT OR NINETY DAY OATS

BURT, OR NINETY DAY OATS—The best Spring Oats, as it is the earliest, nearly rust proof, hardy and vigorous and yields more grain than any other spring oats. The seed resembles the Red Rust Proof, but is not as large or as heavy. Sow 2 bushels to the acre. Price fluctuates. Present price, 75 ets. per bu.; 10 bus. at 73 cts.

VIRGINIA GRAY WINTER OR TURF OATS—This has long been by far the most popular variety in this State, and is now extending into all parts of the South and West. Though a winter oat, they also succeed well if sown in the spring, making surest crop if sown by March 15. Sow 1½ to 2 bushels to the acre. Price fluctuates. Present price—Per bu., of 32 lbs., 55 ets.; 10 bus. at 83 cts.

RED RUST PROOF OATS—A very desirable early variety for heavy soils and low, moist grounds, where rust attacks other varieties. Yields abundantly of large, heavy grain, but does not grow as tall as the winter oat. Sow 2 bushels to the acre. Price fluctuates. Present price—Per bu., 75 ets.; 10 bus. at 73 cts.

APPLER OATS—An early large, red Oat similar to the Rust Proof, but harder and yields more grain. Adapted to either spring or fall sowing. Write for prices.

BLACK SPRING OATS—A hardy black seeded spring oat which makes a very good crop of grain. Write for prices.

WHITE SPRING OATS—A large, heavy White Oat for spring seed-ing. Price fluctuates. Present price—D. & B.'s Best, per bu., 70 ets.; 10 bus. at 68 ets.

D. & B.'S WINTER GRAIN PASTURE MIXTURE.—A well proportioned mixture of hardy grains, composed of Beardless Wheat, Oats, Rye, Barley and Vetch for winter and spring pasture; also can be cut for hay early in June. This is a most excellent combination for pasture or hay crop. Sow 100 lbs. to the acre from August to November. Write for prices.

WINTER RYE—This is largely cultivated for pasture in winter, for earliest green feed, and for turning under as well as for the grain. Sow from July to December; 1½ to 2 bushels to the acre. Price fluctuates. Present price, \$1.20 per bu.

WINTER BARLEY—Sow from September to November; 1 to 1½ bushels per acre. Price fluctuates. Write for prices.

SEED WHEATS—We will have in season all of the best varieties of seed Wheat. Send for special price list in September.



RED RUST PROOF OATS

Navy Beans

A very profitable market crop and a good table bean. Only the dried beans are used. Plant in June or July in 3-foot rows; 1 to 2 pecks to the acre. Height 12 inches. Qt., 20 ets.; pk., 90 ets.; bu., about \$3.25.

D. & B.'s Best Grade of Oats, are thoroughly recleaned and put up in even-weight, 5-bushel sacks, and should not be compared in price with Oats commonly offered, which are not recleaned and in very inferior second-hand sacks.

For time to plant all Seeds see pages 4 and 5.

Field and Cow Peas

This is one of the best crops that can be grown for enriching the soil; even if the entire crop of vines are cut off and removed, the roots, by their ability to add nutritious qualities to the soil, improving the poorest land and enriching the richest. It is also a splendid forage and field crop, producing a heavy growth of excellent feed. All of our Cow Peas are thoroughly recleaned and put up in even weight, good sacks, all hulls, sticks cracked and broken peas are taken out, and they should not be compared with peas commonly offered just as they come from the farmers hands, which are rarely ever recleaned and in very poor sacks.

PRICES OF COW PEAS ARE CONSTANTLY CHANGING, WRITE US FOR PRICES WHEN READY TO BUY.

CANADA FIELD PEAS—This variety is not considered a cow pea, but is of the English pea family. Has small seed and pods, grows 4 to 5 feet high and makes excellent early hay. We recommend sowing Rust-Proff Oats with these in February or March at the rate of 1 bushel peas and 1 bushel of oats to the acre. They also do well when sown in November with either wheat, rye, oats or barley. Our stock is the very best American grown Seed. Price fluctuates. Present price, \$2.60 bushel.

EXTRA EARLY BLACK EYE—A smaller, but the earliest strain of the well-known Black Eye Pea. Medium size; very productive; good flavor, and especially valuable for market, owing to its extreme earliness. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.00.

EARLY RAM'S HORN—A large second early Black Eye Pea, coming in between the extra early and the large Black Eye. Mostly used as a table pea while green. Qt., 25 cts.; pk., \$1.00; bu., \$3.75.

LARGE BLACK EYE—The well-known standard variety, good either green or dry. For table purposes. Qt., 20 cts.; pk., 90 cts.; bu., \$3.40.

SMALL BLACK EYE—Same as above, but smaller seed. Qt., 15 cts.; pk., 85 cts.; bu., \$3.00.

GALLAVANT OR LADY PEA—This is a splendid little pea, especially recommended for the table. They are unusually small in size, of creamy white color, and delicious flavor, is a prolific variety and a general favorite in some sections of the South, where it is well-known on account of its superior table qualities. To the lover of a home garden, who takes pride in table delicacies, this little pea will especially appeal. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25, bushel price on request.

TAYLOR OR LARGE GREY WHIPPOORWILL—A large speckled pea with long pods, and makes a heavy yield of shelled peas. It matures early, and grows upright, also makes a large growth of vines. Qt., 15 cts.; pk., 75 cts.; bushel price on request.

BLACK PEAS—This is the popular variety for forage and for turning under. Very prolific, quick grower, rich and nutritious. Qt., 15 cts.; pk., 75 cts.; bushel prices on request.

IRON—We consider this pea probably the best variety to plant for a hay crop or forage. It also yields abundantly of peas. In some sections of the South it is sown almost exclusively. The seed of this variety is much smaller than other cow peas, consequently it does not take as many to seed an acre. Qt., 20 cts.; pk., 90 cts.; bushel price on request.

NEW ERA—An extra early cow pea. Makes a very heavy growth of vine and is very prolific of peas, which are speckled and very small, and on this account it does not require near as many seed to an acre. One bushel or even less is sufficient. Qt., 15 cts.; pk., 85 cts.; bushel price on request.

WONDERFUL, OR UNKNOWN—Of late maturity, but produces a very large, heavy yield of vines and bountiful supply of peas. Plant in May or June. Qt., 15 cts.; pk., 75 cts.; bushel price on request.

WHIPPOORWILL—Very early, brown speckled peas; vines grow in bunches instead of runners. Qt., 15 cts.; pk., 75 cts.; bushel price on request.

CLAY—Resembles the Black Pea, in growth, but not as early. Heavy vines; prolific yielder of peas. Qt., 15 cts.; pk., 75 cts.; bushel price on request.

MIXED COW PEAS—We offer a choice mixture of the principal varieties, which some farmers think produces a thicker and better crop than any single variety. Pk., 70 cts.; bushel price on request.

COW PEAS MIXED WITH SOJA BEANS—The advantage of sowing Cow Peas with Soja Beans for hay is that the strong, stiff stalks of the Beans hold up the peas so that they can be cut better and they cure better and make better and more hay than peas grown alone. Bu., about \$2.30.

Mason County, West Va., January 22, 1914.

I have been dealing with you for the last few years and purchased considerable quantity of Cow Peas from you, and have never written you how much I liked your Seeds, but they are certainly O. K., and I have always gotten good results from them, and I will send you all the orders I can. Thanking you for your promptness in handling my orders, I am,

Yours truly,

GEO. I. RIFFLE.

Muscatine County, Iowa, January 9, 1915.

One of our customers, to whom we shipped a car of Cow Peas last season writes us: "About a year ago we bought from you a car of Black Cow Peas, which were all right. We are in the market for another car for shipment at once, so please quote us your best price in even weight sacks, and oblige."

Yours very truly,
McKEE BROTHERS CO.

Sorghums, Millets and Fodder Plants

SUDAN GRASS

This Grass was introduced into this Country from Egypt, by the U. S. Department of Agriculture in 1909, and has been thoroughly tested throughout the Southern States with excellent results. It can be cut twice and with favorable seasons three times a year. It is an annual, and therefore has to be seeded each year, grows 6 to 10 feet high, when drilled, or if seeded broadcast 3 to 5 feet. In appearance, it is similar to the well-known Johnson Grass, but as it does not root as deeply, is killed out through the winter, and can never become a pest, as has Johnson Grass in some sections of the South. It is, however, a great drought resisting Grass, and is easily cured, making a splendid hay crop, and all stock relish and thrive on it. This Grass should not be sown until the ground becomes thoroughly warm, about the first of May. Farmers in the South, who have grown this Grass, are very enthusiastic about it. We would recommend that our customers put in a small piece of land in this Grass as an experiment. If it turns out to be all that is said of it, it must be the hay crop for this section. Sow 5 lbs. to the acre in drills 2 feet apart, or if broadcast 20 to 25 lbs. to the acre. Price per lb., 50 cts.; 10 lbs. at 45 cts. per lb.

SUGAR DRIP SORGHUM—This is decidedly the best variety for making syrup, also good for fodder, or green feed, lb., 10 cts., bushel price on request.

EARLY AMBER SORGHUM—Grows 10 or 12 feet high; yields heavy, nutritious forage, either dry or cured; very sweet, making good syrup. Sow broadcast, 1½ bushels to the acre, in drills 1 peck. Price fluctuates. Lb., 10 cts., bushel price on request.

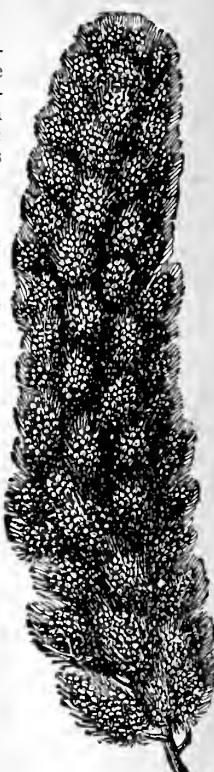
EARLY ORANGE SORGHUM—Similar to Early Amber, but yields heavier. Price fluctuates. Lb., 10 cts.; bushel price on request.

GERMAN OR GOLDEN MILLET—This grass, if sown thickly, produces an enormous quantity of good feed. Sow from May to July; 1 bushel to the acre. Price fluctuates. Present price, \$1.60 per bushel.

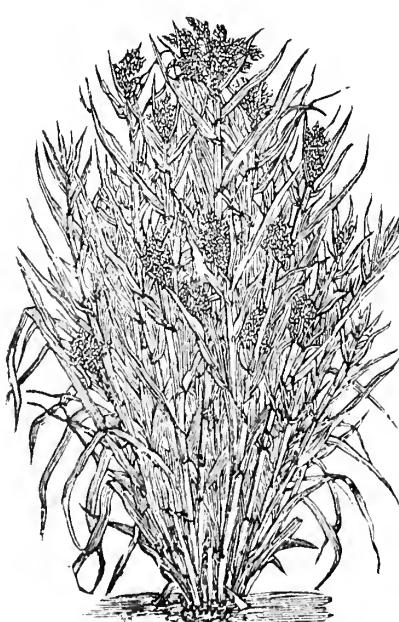
PEARL OR CATTAIL MILLET—This variety gives an enormous yield of very valuable forage. Plants grow 12 feet high, but may be cut at 3 feet, when it will thicken up, and may then be cut continuously until frost, giving abundant supply of rich green food; also valuable as a dry hay. Sow in drills, 5 pounds to the acre, or if broadcast, 25 pounds. Pkt., 5 cts.; lb., 10 cts.; 10 lbs. and over at 8 cts.; 100 lbs., \$7.00.

KAFFIR CORN—A popular forage crop. Heavy growth; very nutritious; grain makes a particularly valuable feed for stock and poultry. Especially good for sowing with cow peas. Present price, lb., 5 cts.; 10 lbs. at 4 cts.; 100 lbs., \$2.25.

YELLGW MILO MAIZE—Largely used for feeding to cattle green; can be cut and fed green when 3 or 4 feet high, and will continue to grow out and can be cut until frost. Sow in May or June; 5 pounds to the acre in drills. Per lb., 10 cts.; 10 lbs. at 7 cts.; 100 lbs., \$5.00.



GERMAN MILLET



KAFFIR CORN

**I M P R O V E D
E V E R G R E E N
B R O O M C O R N**—
Green color; grows long, straight, and brings highest market price for making brooms. The best variety. Sow in 3-foot drills and thin plants to 3 inches. Sow 5 pounds to the acre. Pkt., 5 cts.; lb., 10 cts.; 10 lbs. at 8 cts.; 100 lbs. quoted on request.

T E O S I N T E—
—This is a valuable fodder plant, resembling corn, but with larger leaves and sweeter stalks. Much relished by stock either green or as dry fodder. Yields enormous crops, and may be cut five or six times a year. Stalks 10 or 12 feet high. Drill in May or June, 3 lbs. to the acre. Per oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.



TEOSINTE

JAPANESE BUCKWHEAT

This is a profitable crop for either grain, flower food for bees, soil enricher, or to kill out weeds. Splendid for poultry. Sow 1 bushel to the acre in June, July or August. Price on request.



PEANUTS

feet high, and is good for forage or as a soil improver. Lb., 40 cts.; 5 lbs. at 38 cts.

Peanuts

Plant in May, 12 inches apart, in 3-foot drills. Cultivate flat, keep well worked. Peanuts should be shelled before planting.

SPANISH—Nuts small, and have a thin hull, full kernel, and yield enormously. The vines and roots make excellent food for stock. In the hull, per lb., 10 cts.; 10 lbs. at 8 cts.; 100 lbs. \$5.50.

Shelled, per lb., 20 cts.; 10 lbs. at 15 cts. Write for prices in large quantity.

VIRGINIA—The large variety—In the hull, per lb., 10 cts.; 10 lbs. at 8 cts.; 100 lbs., \$5.50.

VIRGINIA JUMBO—A large variety of the well-known Virginia Peanut. In the hull, per lb., 10 cts.; 10 lbs. at 8 cts.; 100 lbs., \$7.00.

Mammoth Russian Sunflower

This is highly prized by poultry raisers and farmers as a cheap food for fowls. It is immensely productive and can be raised cheaper than corn, as any waste piece of ground will suffice. It is a good egg producing food. Per lb., 10 cts.; 10 lbs. at 9 cts. per lb.

Dwarf Essex Rape

Excellent for grazing sheep, hogs and all kinds of stock. Especially valuable for sheep and hogs with young, as it is an excellent milk producer. The young animals will also eat it with relish. It is hardy, stands cold, and ready in eight weeks after sowing. Sow 10 lbs. to the acre broadcast; 4 lbs. if drilled. Per lb., 10 cts.; 10 lbs. at 9 cts.; 25 lbs. at 8 cts. lb., 100 lbs., \$7.00.

Jerusalem Artichokes

Artichokes are grown only from tubers, like potatoes. They are very prolific and make excellent hog feed; claimed to be very healthy for stock, and said to be a preventive of cholera. The tops cut and cured like fodder make excellent forage; we consider it a most valuable crop, and those who raise hogs cannot afford to be without it. Pk., 40 cts.; bu., \$1.25; special prices in large quantities.

Vetches

SPRING VETCH—Better for spring sowing than the Winter Vetch. A nutritious and valuable forage and soil-improving crop. Large and quick growth. Sow 50 pounds to the acre. Per lb., 7 cts.; 25 lbs. at 6 cts. Large quantities quoted on application.

HAIRY SAND, OR WINTER VETCH—Sow from July to November, preferably with grain, which will hold Vetch off the ground. Sow 40 pounds to the acre. Per lb., 12 cts. Write for price in quantity.

GIANT BEGGAR WEED—A good forage plant, particularly adapted to the South on thin, sandy soil. Makes a vigorous growth from 2 to 5

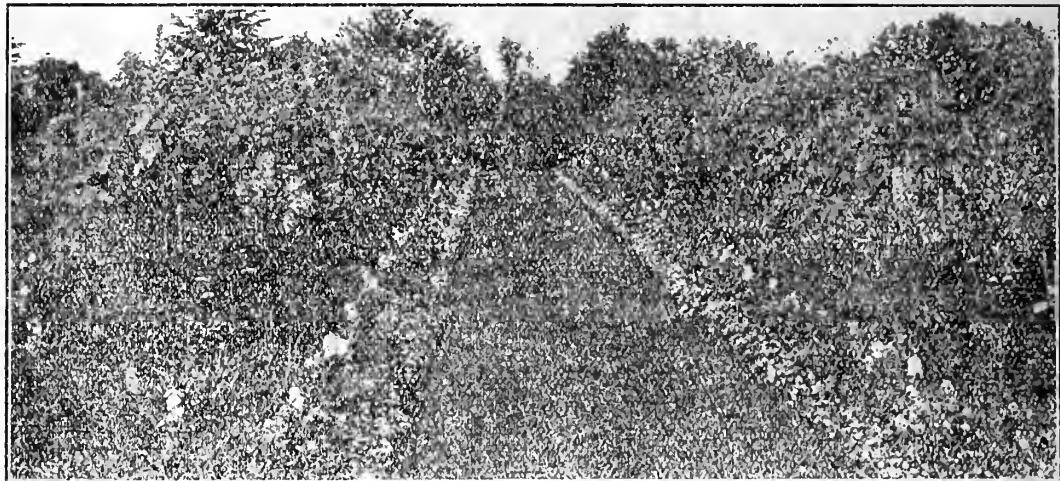


SPRING VETCHES



DWARF ESSEX RAPE

FLOWERS



We have endeavored to make our list of Flower Seeds as complete as possible by a judicious selection of the best sorts, so that our customers would not get bewildered among a labyrinth of varieties, many of which are of no special merit. Flower Seeds priced at 5 cents per packet are 6 packets for 25 cents; or 25 packets, your own selection, for \$1.00; 10-cent packets are 3 for 25 cents; or 13 for \$1.00, postpaid. The letter "A" after the name of the flower indicates that the flowers are annuals and blossom only the first year it is planted, and the seed should be planted each year. The letter "P" indicates that the variety is a Perennial and comes up and blossoms for several years after sowing. We do not index our different varieties of Flower Seed, but all varieties are arranged alphabetically and can therefore be easily found. For climbing vines and flowers see page 51.

ACROCLINIUM—Everlasting (A).

A very pretty, half hardy annual, producing white and rose-colored double daisy-like flowers, about $1\frac{1}{2}$ inches in diameter. These are the "Immortelles," so desirable for wreaths and winter bouquets. Height, 15 inches.

Mixed Colors—Pkt., 5 cts.; oz., 25 cts.

AGERATUM (A).

A beautiful hardy annual. The flowers are borne in dense clusters and are very useful for bouquets. The plants are very attractive in the garden, being covered with bloom nearly all summer.

Mixed Colors—Pkt., 5 cts.

ALYSSUM (A).

A hardy annual which begins to flower when very young, and is literally covered almost all the season with its sweet white flowers. It is especially adapted to borders or for rock work in the summer, and may be used effectively in window boxes for winter blooming.

Little Gem—This is the prettiest variety, being so dwarf and full of bloom that it has been aptly named "The Carpet of Snow." Four inches high. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Sweet—The old garden favorite familiar to all. Being of trailing habit, it is better than the Little Gem for rockeries or window boxes. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.



Norfolk County, Va., January 28, 1914.

Please send me the following Flower Seeds, selected from your catalogue. I find that your Seeds are the kind that "do not stay under the ground" after they are planted.

Very truly yours
REV. JNO. C. ROSSER.

VICTORIA MIXED ASTERS.

AMARANTHUS (A).

These plants afford brilliant contrasts of color, being useful for tall borders and groups, also where foliage effects are desired. The leaves and stems are of different shades of red, blended with green; two to three feet high.

Caudatus (Love Lies Bleeding)—Light yellowish-green foliage; long, drooping, crimson flower spikes. Pkt., 5 cts.

Tricolor (Joseph's Coat)—A hardy annual with leaves of red, yellow and green; especially brilliant if grown in rather poor soil. Pkt., 5 cts.; oz., 30 cts.

ANTIRRHINUM—Snapdragon (A).

Well known, showy and useful border plants, producing flowers of a great variety of brilliant and handsome colors. Very effective in beds, succeeding in any good garden soil.

Mixed, Pkt., 5 cts.; oz., 25 cts.

ASTERS (A).

These well-known beautiful and popular annuals are very desirable for bedding, being in bloom when most other plants are over. Very useful for cut flowers and bouquets.

Victoria Mixed—Beautiful and popular annuals, desirable for beddings, being in bloom when most other plants are over. Very useful for cut flowers and baskets. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.



DWARF CRYSANTEMUM
FLOWERED ASTERS

Dwarf Chrysanthemum Flowered—One of the best Dwarf varieties. Of a great assortment of rich colors. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75.

China Aster—The familiar double Aster with quilled petals. Exceedingly showy and excellent for cutting for vase decorations. The large, brilliant, daisy-like flowers with yellow centres are produced in profusion. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{2}$ lb., \$1.40.

Comet Mixed—A carefully proportioned mixture of various colors. recurved, having the effect of the finest Chrysanthemums. They are varied and beautiful colors and one of the most popular sorts. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

BALSAM—Touch-Me-Not (A).

Also known as "Lady Slipper." A tender annual with brittle stems and foliage. Grows about 12 inches high. Flowers both single and double, in bright colors and variations; are wax-like and very attractive. No flower is more easily cultivated, and it succeeds in most any good soil.



MIXED BALSAM

White—Pkt., 5 cts.

Double Mixed—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.

BACHELOR'S BUTTONS—Globe Amaranth (A).

A well known and popular everlasting flower which forms bushy plants about 2 feet high and bearing sometimes hundreds of flowers. Excellent as border plants, and very useful for winter decorations. If cut when well matured will retain their beauty throughout the winter.

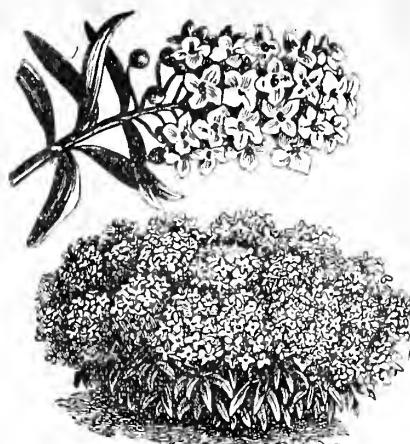
Mixed—Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.

BEGONIA (P).

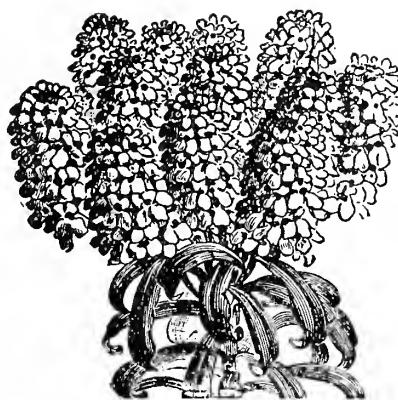
Finest Mixed Varieties—Beautiful plants for summer bedding, bearing beautiful waxy flowers through the entire summer. Our mixture contains a great variety of colors, both in flowers and foliage. Pkt., 10 cts.

CALENDULA—Pot Marigold (A).

Very hardy annual, one foot high. Has showy flowers blooming until frost and producing a fine effect in borders. It is of easy culture and is desirable for rather inferior soils, where less sturdy flowers do not thrive. **Mixed Varieties**—Pkt., 5 cts.; oz., 15 cts.



SWEET ALYSSUM



CANDYTUFT

The petals of which are very long and recurved, having the effect of the finest Chrysanthemums. They are varied and beautiful colors and one of the most popular sorts.

Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

43



BACHELOR BUTTONS

Beautiful showy summer bedding annuals with large bright flowers of golden yellow, variegated with rich brown. Excellent for cutting and decorations.

Mixed—Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

Lanceolata—A very hardy perennial, blooming the first year and producing on very large stems a constant succession of rich, bright yellow flowers about 3 inches in diameter; exceedingly valuable for decorative purposes. Pkt., 5 cts.; oz., 25 cts.

CANTERBURY BELLS—Campanula, Cup and Saucer (A).

Handsome, hardy biennial of stately growth, rich color and profuse bloom. Succeeds best in light, rich soil and in the fall should be transplanted or thinned to 18 inches or 2 feet apart and given some protection in severe winter weather. Has large, bell-shaped flowers which are strikingly effective; colors white, and various shades of violet, rose, lilac and blue. Height, 2 to 4 feet. One of the wild forms of Campanula is the "Blue Bells of Scotland."

Pkt., 5 cts.; $\frac{1}{4}$ oz., 20 cts.; oz., 75 cts.

CANNA (P).

Stately, ornamental plants, producing clusters of large flowers of the most intense, varied and brilliant colors.

Very desirable for greenhouse or bedding outdoors. Plant in seed in February, first soaking them for a day in hot water. In August the plants will come into bloom and continue to flower very freely until cut down by frost. Store roots in cellar in winter.

Tall Mixed—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Crozy's Dwarf Mixed—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Canna Roots—See page 52.

CELOSIA—Cock's Comb (A).

A half hardy annual, growing 6 to 8 inches high, bearing a wide wavy blossom that resembles a Cock's Comb. Fine for massing or border work. Pkt., 5 cts.; oz., 75 cts.

CENTAUREA, GYMNOCARPA—Dusty Miller (A).

Valuable because of its silvery foliage, and graceful drooping habit of growth. Half hardy perennial: one-half to two feet high. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.60.

WILD FLOWER GARDEN MIXTURE.

A splendid mixture of free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely-arranged flower beds will find the "Wild Flower Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Thin out where plants are crowded and keep clean of weeds.

Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

CARNATIONS (P).

These well-known flowers are easily grown from seed, and very free blooming, the flowers being bright-colored and with a most delicious clove-like fragrance. Excellent bloomers in the garden or for winter flowering.

Marguerite—An extra vigorous race, especially adapted for out-of-door culture. The plants are trim in habit, perpetual and flower abundantly in 5 months from sowing the seed. They are highly fragrant, and have beautiful double flowers. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.25.

Double Mixed—A mixture of all colors and types. Pkt., 10 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.75.

CANDYTUFT (A).

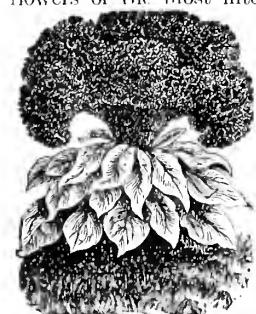
Popular favorites, flowering profusely the whole summer. Very valuable for edgings and borders, fairly covered with masses of white and various colors. Height 1 foot. Of easy culture. **White**—Pkt., 5 cts. **Crimson**—Pkt., 5 cts.

Fancy Mixed—Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

CALLIOPSIS OR COREOPSIS (A).



DOUBLE CARNATION



CELOSIA OR COCK'S COMB

CHIRYSANTHEMUM (A).

These annual Chrysanthemums have a charm of their own. The blooming season is from very early summer until frost, and their gay colors make beds or borders attractive during those hottest weeks of summer when flowers are apt to be scarce.

Mixed Varieties—Pkt., 5 cts.; oz., 15 cts.

COLEUS (A).

Probably the best known and most popular of ornamental foliage plants. The leaves are of many shades of color and have a rich velvety appearance of extraordinary beauty. No lawn should be without these decorative plants. Tender perennial.

Mixed—Pkt., 10 cts.; oz., \$1.00.

COSMOS (A).

These well-known flowers are of easy culture and are almost indispensable for cutting and garden decorations, their lovely blossoms being produced in greatest profusion after most other flowers have succumbed to frost. Few flowers have grown more into popularity in late years than the Cosmos, and we recommend them to all wanting large plants in their gardens.

Mammoth Mixed—The flowers are double the

size of the old, large flowering Cosmos, measuring from 3 to 4 inches across. The petals are large, overlapping, forming perfectly round flowers, deeply ribbed and of good substance.

Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.50.

Mixed—A mixture of the old standard sorts. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

DAHLIA (A).

The Dahlia has always been a favorite for autumn flowering. The flowers are so symmetrical and perfect and the range of colors so large and varied that they will always be popular where display is wanted. Both the single and double strains of this popular flower may be had in the greatest variety and beauty from seed. If planted early and given protection in the spring they can be made to flower the first season. During the winter the roots can be taken up and stored out of reach of the freezing weather and replanted the following spring.

Double Mixed Varieties—Pkt., 5 cts.; oz., 75 cts.

Single Mixed Varieties—Pkt., 5 cts.; oz., 50 cts.

Dahlia Roots—See page 52.

DAISY (P).

These are charming little plants for edging and borders. The Daisy has been so far improved by selection and careful cultivation that good seed will give at least 80 per cent. of double flowers that are as large as any of the named sorts that are propagated by the division of the roots and are sold at high prices. The plants bloom well in the house and are splendid for early spring and summer flowering when planted in a slightly shaded situation. Tender perennials, about 6 inches high. Pkt., 10 cts.; oz., 75 cts.



MAMMOTH COSMOS

DIGITALIS, OR FOX GLOVE (P.).

A stately, old-fashioned border plant affording dense spikes of brilliantly colored flowers which are terminal and half as long as height of the plant. Colors, white, lavender and rose. Does not usually bloom until the second year. Thrives best in cool, shady locations.

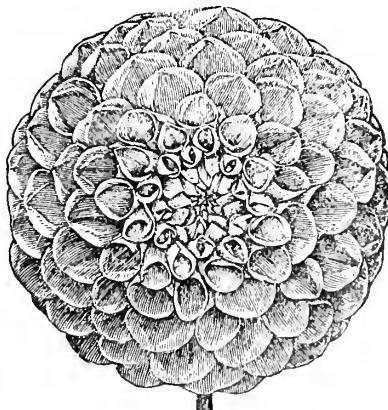
Fine Mixed—Pkt., 5 cts.; oz., 20 cts.

DIANTHUS OR PINKS (P.).

These popular flowers, commonly known as Chinese and Japanese Pinks, have been for a long time very popular, and deservedly so. In diversity of rich and beautiful markings they have but few rivals, and in ease of culture, freedom of bloom and almost certain satisfactory results, they stand close to the Nasturtium. Hardy biennials blooming the first year from seed.



CRYSTANTHEMUM



DOUBLE DAHLIA

DIANTHUS—Continued.

So easily grown from seed as to be rarely treated as biennials. Seed may be sown in the open ground any time in May.

Chinensis—The familiar old Chinese or Indian Pink, easily grown and very showy. Our mixture contains a large assortment of varieties. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.00.

Plumarius—The old-fashioned garden favorite. All the single flowered varieties in one mixture. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

ESCHOLTZIA—California Poppy (A).

The beautiful State flower of California. It blooms almost continuously throughout the season. A bed of these in full bloom gives a brilliant color effect. The foliage is finely cut and has a bluish tinge, delicate and very attractive. They are of the easiest culture. Can be sown in any soil, but the better the soil the larger the plants and blossoms. It is best to sow the seed in the garden where the plants are to remain, as they do not transplant easily. Pkt., 5 cts.; oz., 20 cts.

FORGET-ME-NOT—Myosotis (P).

The favorite old border plant that succeeds best in moist situations. It comes into bloom early and the little star-shaped flowers appeal to every heart. Hardy perennials. Pkt., 5 cts.; oz., 25 cts.

FOUR O'CLOCK—Marvel of Peru (A).

A well-known favorite plant, bearing freely funnel-shaped white, red and striped flowers, which open about four o'clock in the afternoon, remaining open all night; and usually are closed before noon the next day. Sow seed in spring in open ground in any good garden soil. The plants should be given plenty of room, about three feet apart. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.



DIANTHUS PLUMARIUS

Mixed Varieties—Pkt., 5 cts.; oz., 75 cts.

HOLLYHOCK (P).

Entirely different and more beautiful than the plant of twelve years ago, being much more compact in growth, the flowers larger, more richly colored and of better form. For a background to a flower garden nothing is better. Height 5 feet. Tie to stakes if the stalks show a disposition to fall. The double varieties are the most desirable.

Double Mixed Varieties—Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.40.

LARKSPUR (A).

The Larkspur is one of the handsomest and most useful of plants. The colors are extremely beautiful and in mixed borders its profuse masses of purple, white and red show splendidly, and for large gardens is invaluable. Height 12 inches.

Double Dwarf Varieties Mixed—Pkt., 5 cts.; oz., 40 cts.

LOBELIA (A).

Profuse blooming little plants, of great value for edging, hanging baskets or vases. It is completely covered with flowers for a long time. If given plenty of water they may be kept in flower all summer.

Emperor William—A very fine, compact variety with intensely dark blue flowers. Pkt., 5 cts.

White Lady—Dwarf Pure White Flowers. Pkt., 5 cts.



DIANTHUS—CHINENSIS

GAILLARDIA (A).

A very showy, hardy, garden plant, with brilliant flowers in scarlet and yellow, blended and shaded. Blooms freely from early summer till autumn. Grows one and one-half to two feet high, and the blossoms are borne on long, slender stems.

Grandiflora Mixed—Single perennial variety of varying shades of reddish brown, scarlet and orange. The largest of these species, excellent for cutting. Pkt., 5 cts.; oz., 25 cts.

HELIOTROPE (P).

The delicately tinted and fragrant blossoms of this beloved little flower are so well-known that any attempt at description would be superfluous. It is adapted to both bedding and house culture, requiring little attention. By sowing indoors early in the spring and transplanting into small pots, plants may be made so strong and stocky that they will be in full bloom soon after being set in the garden.



ESCHOLTZIA—CALIFORNIA POPPY

LOVE-IN-A-MIST—*Nigella* (A).

A hardy annual one-foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture. Pkt., 10 cts.

MARIGOLD (A).

A hardy annual, shrubby plant, in dwarf and tall varieties, growing from 6 inches to 3 feet high. Foliage bright green, deeply cut, and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders. No flower garden seems complete without this fine old-fashioned plant.

African—The best tall variety with large, double blossoms. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.

Dwarf French, Double Mixed—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.

MIGNONETTE (A).

This popular little flower is well known as one of our most fragrant plants, and a universal favorite. If sown at intervals in spring and early summer it will bloom until killed by frost. Thrives best in a cool temperature.

Machet—A compact-growing variety, with medium long, thick spikes of yellow flowers. Pkt., 5 cts.; oz., 30 cts.

Golden Queen—Very fragrant, with golden yellow flowers. Pkt., 5 cts.; oz., 25 cts.

Sweet—This is the familiar old variety. It has spikes of medium size so fragrant that a bed will perfume the whole atmosphere around it, and every garden should have a corner or bed devoted to it. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.

NASTURTIUM (A).

Probably the most popular and easily grown flower in our list, and remains longer in bloom. In favorable soil flowers are produced in abundance throughout the season. Nasturtiums prefer dry, rather rocky, soil, such as we usually call "poor" soil, and bear their flowers in such locations in greater profusion than in a rich garden, where they run too much to leaves.

Tall Variegated Leaved Mixed—Every leaf is variegated with yellow, white

and green. Some of the leaves are one-half to two-thirds white and yellow, while others are mostly green, but beautifully striped and blotched. This gives a new and very handsome appearance to the plant. The flowers are of all colors. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Dwarf Varieties Mixed—This mixture contains all of the choicest and prettiest flowers of the Dwarf variety. The plants form a small, round bush, 12 to 16 inches high, which is a mass of blooms all summer. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

Tall Varieties Mixed—This mixture contains all of the choicest and prettiest flowers of the tall variety, are of quick growth, covering a whole hedge or trellis in a short time. The brilliant blossoms almost cover the plant from top to bottom. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 45 cts.

PANSY (P).

No description is needed of these little favorites, and it would be hard to find a garden whose charm is not in a large measure dependent upon their marvelous coloring.

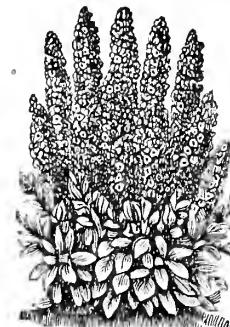
D. & B.'s Superb Pansy Mixture—This is a mixture of all the giant flowering varieties, all the plain colors, faced sorts, ruffled edged and rare sorts, also the varieties exquisitely striped. The seed is saved from the most famous pansy gardens, from exhibition flowers. These pansies are wonderfully beautiful in every way and the very best there are. The small difference in the cost of this seed over the other seed is covered one hundred-fold in satisfactory results to the grower. Pkt., 25 cts.

Giant Trimardeau Mixed—The largest flowering type of Pansy called the French strain. The plants are of vigorous, compact growth, with immense, three-blotted flowers. Pkt., 10 cts.; oz., \$1.00.

DWARF MIXED NASTURTIUM

top petals are larger than the three lower ones and are beautifully marked. The plants are of vigorous, compact growth, with immense, three-blotted flowers. Pkt., 10 cts.; oz., \$1.00.

When pounds are ordered sent by mail, add for postage. Pkts., oz's, and $\frac{1}{4}$ lbs. are quoted postpaid.



SWEET MIGNONETTE



DWARF MIXED NASTURTIUM



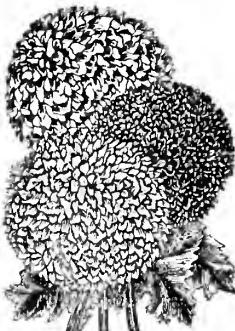
D. & B.'S SUPERB PANSIES

Shirley—These beautiful Poppies are very free-flowering and remarkably brilliant colors, from pale rose to deep crimson. Many of the flowers have crimped or wavy petals; all are of fine silky texture, but of good substance, and not surpassed by any for cutting. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 75 cts.

Carnation Flowered—Large, showy, double flowers of magnificent colors. Pkt., 5 cts.; oz., 20 cts.

Single Mixed—All the fancy and named single varieties mixed. Pkt., 5 cts.; oz., 25 cts.

Double Mixed—All the fancy and named double varieties mixed. Pkt., 5 cts.; oz., 25 cts.



DOUBLE MIXED POPPY **Choice Double Mixed**—From 50 to 60 per cent. of the flowers will come double. These are especially beautiful and showy. Pkt., 10 cts.; $\frac{1}{2}$ oz., 75 cts.; oz., \$1.40.

PHLOX DRUMMONDII (A).

One of the prettiest and most popular of garden annuals. Makes very attractive beds, and continues to bloom throughout the summer. Sow in April in open ground, or can be started earlier indoors.

Grandiflora Large Flowering Mixed—A great improvement on the common type, both heads and florets being nearly twice as large. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

PANSY—Continued.

Finest English Prize Mixed—This mixture is of magnificent varieties, containing the so-called faced varieties, and is in every respect equal to the higher priced named Pansies. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

Fine Large Flowering Mixed Pansy—This seed is saved from very good garden varieties, the flowers are small in comparison with the fine sorts, but the colors are good. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

PETUNIA (A).

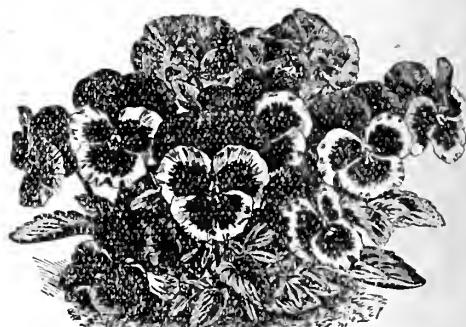
There is no bedding plant of easier culture than the Petunia, and few that make a gayer appearance when in full bloom. They are easily grown and very popular for bedding. They thrive best in a warm, sunny location. The shape of the flower is similar to that of the Morning Glory. Sow the seed thinly where the plants are to remain, or for early blooming sow in the house in boxes.

Single Mixed—Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 75 cts.

POPPY (A).

Hardly any class of plants afford the same brilliant colorings and showy display. They are of easy culture, the seed being sown where they are to remain. Thin the plants 6 to 12 inches apart.

Oriental—A large gorgeous scarlet blossom: base of petals black. One of the most striking and showy of the garden perennials. Pkt., 10 cts.; oz., 75 cts.



ENGLISH PRIZE PANSIES

PORTULACA (A).

Low-growing or creeping tender annual, six to eight inches high, and bearing glossy, cup-shaped blossoms in very brilliant and gorgeous colors. The seed germinates slowly and should be started under glass or when the weather is hot. These flowers love the sunshine and do best on rather dry ground.

Single Mixed—This is an extra fine strain with very large blossoms and splendid colors. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.



SALVIA SPLENDENS (SCARLET SAGE)

PHLOX—Continued.

Extra Choice Mixed—This mixture is unexcelled for profusion of bloom and wide range of brilliant colors. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

PRIMROSE (A).

Green-house or pot plants, bearing trusses of large single or double blossoms in bright colors, as well as soft tints. Sow the seed in April or May for winter blooming.

Large Flowering Hybrids—The choicest varieties mixed. Pkt., 15 cts.

RICINUS—Castor Oil Plant (A).

Luxuriant rapid-growing annuals with palm-like leaves. Excellent for background or centre of beds of foliage plants, the effect being especially striking after the brilliantly colored fruit is formed. Pkt. 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

SALVIA SPLENDENS—Scarlet Sage (A).

A well-known favorite bedding plant which bears magnificent spikes of scarlet flowers from July to October. Although perennial, it blooms the first year from seed, and there is really no flower that can rival it in splendid color. Excellent for cutting. Pkt., 10 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.75.

Snap Dragon—See *Antirrhinum*.



D. & B.'S SUPERB MIXED SWEET PEAS

not be surpassed at any price. Pkt., 5 cts.; oz., 10

Choice Mixed—A good mixture of standard sorts and will afford a splendid variety of blooms and a wide range of assorted colors. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

D. & B.'s Superb Spencer Mixture—A new race or type of sweet peas with extra large flowers, fully double the size of the older forms under good cultivation. The Spencers have wavy and fluted-edged petals, which with their rich coloring give an almost orchid-like appearance. The Spencer type will not stand careless cultivation, but if you give them careful cultivation they will fully repay you for the extra trouble by their exceptional size and beauty. This is a splendid, well-blended mixture of all true Spencer types only. All colors, mixed, pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.



PHLOX GRANDIFLORA MIXED

SENSITIVE PLANT (Mimosa) (A).

Curious and interesting little plants with pinkish white flowers. The leaves close and droop when touched. Pkt., 5 cts.

SCABIOSA (Mourning Bride or Sweet Scabious) (A).

Have perfectly double flowers, are useful for cutting, they are gracefully borne upon long tender stems well above the foliage and makes a beautiful cut-flower, height 2 feet. Pkt., 5 cts.

STOCKS, DWARF GERMAN—Ten Weeks (A).

Desirable for bedding or pot culture. They bear an immense quantity of fragrant blooms, each plant forming a perfect bouquet, and are splendid for cutting. Pkt., 5 cts.; oz., 75 cts.

SWEET PEAS (A).

(When ordering pounds by mail, add for postage.)

D. & B.'s Superb Mixture—This is the best possible mixture that can be made, combining carefully considered proportions. It comprises all of the finest new and large flowering named varieties of every shade and color. Each is the very choicest of its class, grown separately and mixed by ourselves. It is the finest mixture possible and can-10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Named Sweet Peas in Separate Colors—We offer the following, all of which are selected from the finest named varieties and the choicest of its kind. Each variety, pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

America—Bright red and white striped.

Blanch Burpee—Pure white.

Blanche Ferry—Rose and white.

Dorothy Eckford—Large white.

Emily Henderson—White.

Flora Norton—Bright blue.

King Edward VII—Bright red.

Lady Grisel Hamilton—Lavender.

Lovely—Deep pink shaded to light pink.

Navy Blue—Indigo blue and violet.

SWEET WILLIAM (P).

A beautiful class of hardy free-blooming plants of extreme richness and diversity of colors. Produces a fine effect in beds or mixed flower borders.

Single Varieties Mixed—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

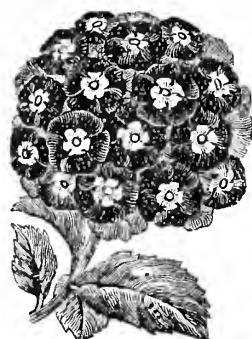
Double Varieties Mixed—Pkt., 5 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$1.40.

VERBENA (P.).

These well-known flowers are splendid for beds or massing. Flowers of most brilliant colors, blooming from early summer till late in the fall. Verbenas grown from seed are always thrifty and do not rust. Sow early in house, or out of doors in April.

Mammoth Flowered Mixed—This strain produces blooms of the largest size and most brilliant colors. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

Mixed Colors—The individual flowers are most perfect and the plants remarkably vigorous. A splendid mixture from named sorts, comprising nice, beautiful colors. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.60.



MAMMOTH MIXED VERBENA

VIOLETS (P.).

Although these flowers do best when grown from cuttings, they grow readily from seed and produce very fragrant blossoms.

Blue—Pkt., 10 cts.; oz., 90 cts.

White—Pkt., 10 cts.; oz., 90 cts.

Mixed—Pkt., 10 cts.; oz., 90 cts.

WALLFLOWER (P.).

This is a fine bedding plant, but it is more often grown as a pot-plant and for this purpose is well adapted. The flowers are very fragrant and usually of various shades of yellow, brown and reddish brown. An old-fashioned flower which is always popular. Sow early in the year in boxes and transplant.

Single Mixed Colors—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Double Mixed Colors—Pkt., 15 cts.; oz., \$1.50.

ZINNIA (A.).

For gorgeous summer and fall display the Zinnia is unsurpassed, the flowers are perfectly double, resembling Dahlias, and almost every shade of color. For bedding and massing they are particularly suitable.

Tall Double Mixed Colors—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lbs., 75 cts.

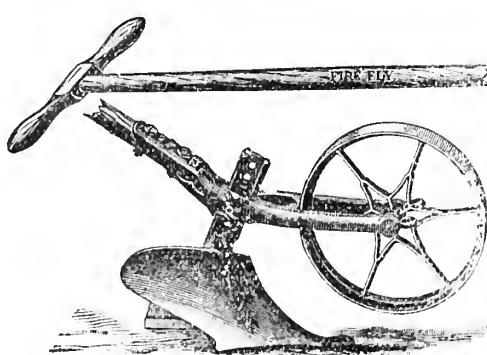
Dwarf Double Mixed Colors—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.



DOUBLE ZINNIA

THE FIREFLY GARDEN PLOW

A very handy and useful little hand plow which is a great labor saver in a small garden. After using this splendid little implement you would not be without one for several times its price.



Only \$2.25

General List of Vines or Climbers

This list comprises varieties which attain perfection the first season. A few of them require starting in the house, but the majority can be sown where they are to grow.

AMPELOPSIS VEITCHII—Boston Ivy (P).

The popular Ivy which covers so many buildings. It clings to brick and wood without support. It is a rapid grower, with beautiful star-shaped foliage of light and dark green, changing with the seasons. Pkt., 5 cts.

BALSAM PEAR (A).

A very desirable climber, bearing large, prickly, pear-shaped yellow fruit the flesh of which when kept in whiskey or alcohol is said to make a most effective pain-killer and healer of cuts, bruises, etc. Height, 10 feet. Pkt., 5 cts.; oz., 20 cts.

BALSAM APPLE (A).

There is little difference between this and the Balsam Pear, except in the shape of the fruit. Pkt., 5 cts.; oz., 20 cts.

BALLOON VINE—Love-in-a-Puff (A).

A rapidly-growing climber of attractive foliage, and remarkable for the inflated membranous capsule seed pod from which the name Balloon Vine is derived. This peculiarity also suggests its other name of "Love-in-a-Puff." The flower is white and inconspicuous. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

CLEMATIS HYBRIDA. Large Flowering Mixed (A).

A beautiful climber with many colored flowers. Soak the seed for 24 hours or more before sowing them. Pkt., 10 cts.; oz., 70 cts.

CYPRESS VINE (A).

A tender, climbing annual, with soft fern-like foliage and small star-like flowers in red and pink or white which contrast most effectively with the graceful foliage. Height about 15 feet.

Mixed Varieties—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 70 cts.

COBEA SCANDENS (A).

This is one of the best climbers of rapid growth, with fine foliage and large bell-shaped flowers of a beautiful violet hue. Pkt., 10 cts.; oz., 70 cts.

DOLICHOS OR HYACINTH BEAN (A).

A tender, climbing annual. Grows rapidly and is splendid for covering a trellis. Flowers in purple, or white; are borne on long stems, the individual blossoms resembling the bean flower, and the ornamental pods resemble bean pods. Sow seed in open ground late in April. Pkt., 5 cts.; oz., 15 cts.

GOURDS (A).

Climbers of rapid growth, which are well fitted for covering fences, arbors, stumps, etc. The vines are of easy culture and make a rapid growth. The foliage is quite pretty and the fruits are very interesting in their various shapes. Grows from 10 to 20 feet high.

Nest Egg—In size, color and shape like a hen's egg. Vines make good screens. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Dipper—The handles grow curved if on ground; straight if vines run on a frame. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Sugar Trough—This grows very large and thick with hard shells, sometimes holding from 3 to 5 gallons. They are light but durable. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Hercules Club—A large, long Gourd; resembles a baseball bat or club, hence its name. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Apple-Shaped—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

NEST EGG GOURDS

Orange-Shaped, Pear-Shaped, and Apple-Shaped—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

HUMULUS JAPONICUS—Japanese Hop Vine (A).

A rapid growing, hardy climbing annual with dense, bright green foliage. Will grow 20 to 30 feet high in a season, and is very valuable for covering a trellis or unsightly objects and for shading verandas. Pkt., 5 cts.; oz., 25 cts.

MORNING GLORY (A).

No climber is more popular than is the Morning Glory for covering trellises or unsightly back fences. They grow 15 feet high and bear very abundantly brilliant flowers of various colors. Soak the seed for two hours in warm water to hasten the germination. Of easy culture.

Mixed Varieties—Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

Imperial Japanese Morning Glory—These are much the handsomest flowers in Morning Glories, of gigantic size and in colors ranging from snow white to carmine, through every shade of blue and purple to nearly black, also marble, striped and slashed sorts. The vine is not quite so vigorous a climber as the old-fashioned Morning Glory. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.



BALSAM PEAR



A. BLANG

CLIMBERS—Continued.

MOON FLOWER OR EVENING GLORY (A).

Beautiful rapid climbers, bearing large white flowers, 4 to 6 inches in diameter, which open in the evening and on cloudy days. Start the seed in the house and transplant when the weather is warm. Before planting it is best to file a small hole in one end through the outer hull and soak for thirty-six hours in warm water to hasten germination. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.

VELVET BEAN (A).

A quick-growing vine with beautiful large green leaves, and large clusters of purple flowers and makes a dense foliage. This is probably the largest quick-growing vine, will easily grow 20 feet in a season, excellent for covering old fencees, trellises, etc. Large pkt., 10 cts.

WILD CUCUMBER VINE (A.)

Very rapid-growing and free-flowering. The vines attain a great height, they begin to bloom early and by midsummer are covered with large sprays or pannicles of small white flowers. Pkt., 5cts.; oz., 25 cts.

Bulbs

CANNA ROOTS—Very bright and attractive flowers for summer and fall; colors, bright red and yellow, 10 cts. each; by mail, 15 cts. each; \$1.00 dozen, by mail, \$1.25.

CALADIUM — ESCULENTUM (Elephant's Ears)—Is very popular as an ornamental plant for lawns. Leaves attain an immense size; water freely. Medium size bulbs, 10 cts. each; by mail, 25 cts. each; per doz., by express, \$1.00. Mammoth bulbs, 15 cts.; by mail, 30 cts.; per doz., by express, \$1.50.

MADERIA VINE ROOTS—This vine will grow 20 feet or more in a season, making a beautiful screen and thick shade. 5 cts. each; by mail, 8 cts.; doz., 25 cts.; by mail, 35 cts.

EXCELSIOR PEARL TUBEROSE—Short and robust plants, bearing immense spikes of double flowers; very fragrant; extra large bulbs. 2 for 5 cts.; by mail, 2 for 10 cts.; doz., 20 cts.; by mail, 30 cts.; per 100, \$1.25, by express.



PEARL TUBEROSE



ELEPHANT'S
EAR PLANT
(CALADIUM
ESCULENTUM)



GLADIOLAS,
Large Size — Very showy and popular summer flowers, of bell shape, of various colors, growing on a stalk about 3 feet high. Mixed colors, per doz., 20 cts.; by mail, 30 cts.; per 100, \$1.50.

DAHLIA ROOTS.

We furnish these separate or in mixed colors, as may be desired. Separate colors, each, 15 cts.; by mail, 20 cts.; per doz., by express, \$1.50.

Mixed Colors—\$1.00 doz.



DAHLIA

I ordered from you this spring Dahlia Seed, Caladium Bulbs, and Maderia Vine Roots, and I will say that they are the best Bulbs and Seeds I have ever used. Everyone that sees them says they are the prettiest they have ever seen. Please put my name on your mailing list as a regular customer. I am so well pleased with your Seeds.

Buckingham County, Va., September 9, 1914.

Very truly yours,
MISS WILLIE C. HARRIS.

I was so much pleased with the result of the Seeds I got from you last May that you will please send me the following order for Tulip Bulbs. Will leave the selection of the different varieties to your good judgment. Wishing you every success, I am,

Yours respectfully,
MRS. L. SCHMELTZ.

We will issue in September, a special list of Hyacinths, Tulips, Narcissus, and all other Bulbs for autumn planting which blossom in the winter and early spring. If you grow Flowers, ask for it.

Nursery Stock

We have a complete Special Catalogue of Nursery Stock of all kinds, including all kinds of Fruit, Ornamental and Shade Trees, Grape Vines, Berry Plants, etc. Mailed free on request. If you are in need of Nursery Stock be sure and write for one.

Orange County, Va., November 7, 1914.

"The Strawberry Plants are very nice indeed. Thank you for filling my order so promptly."

Very truly yours,
MISS VOORHEES BAKER.

Poultry Foods and Supplies

GLOBE POULTRY FOOD—This is scientifically prepared by practical poultry experts to meet all the demands of growing and full-grown fowls.

Only materials that grade in every respect up to our high standard are used—carefully selected cracked and whole grains and seeds, sunflower, oil cake, buckwheat and charcoal, sifted and recleaned until they are entirely free from dust and chaff. Globe Scratch Feed is a complete and balanced ration for grown fowls in all seasons. 10 lbs., 25 cts.; 25 lbs., 60 cts.; 50 lbs., \$1.15; 100 lbs., \$2.15; 500 lbs., at \$2.10 per 100 lbs.

We also offer this Food without grit and shells mixed in it at \$2.25 per 100 lbs., 500 lbs., at \$2.20 per 100 lbs.

GLOBE DEVELOPMENT FOOD—Has the same ingredients as the Globe Poultry Food, except it is ground finer for chickens from 4 weeks old and up. 8 lbs., 25 cts.; 25 lbs., 65 cts.; 50 lbs., \$1.25; 100 lbs., \$2.35.

GLOBE CHICK FOOD—A complete grain feed for chicks up to 8 weeks old. It is a standard mixture of recleaned cracked grains and seed, hulled oats, fine granulated bone and fine charcoal. It produces healthy and rapid growth, and is intended for feeding until the chickens are large enough to be fed the Colonial or Globe Scratch Feed. A trial will demonstrate its feeding value. 8 lbs., 25 cts.; 25 lbs., 70 cts.; 50 lbs., \$1.25; 100 lbs., \$2.35; 500 lbs., at \$2.30.

The [Globe] Chick Food I got from you was fine, and my little chicks I feed on it are large enough to eat at eight weeks old.

Louisa County, Va., April 30, 1914.

Yours truly,

MRS. J. W. JOHNSON.

Amelia County, Va., May 1, 1914.

Please ship me at once 100 lbs. of your Globe Chick Food and 100 lbs. of your Globe Scratch Food. I can't raise chickens without this.

Very truly yours,

F. S. FARRAR.

Mecklenburg County, Va., October 10, 1914.

I will want to purchase more Feed from you from time to time. I am very much pleased with what I have gotten from you. Please ship me: 500 lbs. Globe Poultry Food No Grit; 500 lbs. Queen Mash.

Yours truly,

A. PERKINS

QUEEN POULTRY MASH—A selected mixture of ground feeds, manufactured from the choicest sound, sweet and wholesome grains. It is carefully prepared and contain ingredients in proper proportions essential to the health and growth of the fowl.

It is a splendid bone builder and especially helpful during the molt. Also contains beef scraps and charcoal, recognized necessities for health and egg production.

This mixture is especially formulated to meet the demands for a high-grade mash feed, and is suitable for either the morning, noon or evening meal, whichever method preferred.

Mix with warm water during cold weather, and feed damp and crumbly. 10 lbs., 25 cts.; 25 lbs., 60 cts.; 50 lbs., \$1.10; 100 lbs., \$2.10.

KING PIGEON FOOD—Right feeding of pigeons is considered something of a problem. Most raisers do not understand either the pigeon or its feeding as well as they do poultry. The true fancier—the man who raises birds for their beauty, for the show, for the pleasure there is in it, or for sporting—finds in King Pigeon Feed a combination suited to his needs.

The seeds are especially chosen for pigeon feeding. Only those that have proven to be best adapted for this particular purpose are used. These include various grains, cracked and whole, peas and seeds, all clean, well matured, and always of a size so that the birds, young or old, are able to use every particle of it. 7 lbs., 25 cts.; 25 lbs., 80 cts.; 50 lbs., \$1.40; 100 lbs., \$2.60; without grit or shells mixed in it, per 100 lbs., \$2.70; 500 lbs., at 10 cts. per 100 less.

ALFALFA MEAL—This is Alfalfa Clover, cured green and cut fine for poultry. To be fed in a mash, can be used alone or mixed with other mash food. It is an excellent substitute for green grass. 10 lbs., 25 cts.; 25 lbs., 50 cts.; 50 lbs., 90 cts.; 100 lbs., \$1.60; 500 lbs., at \$1.55.

RARVA MEAT MEAL—A pure lean-beef fibre, carefully dried while fresh, and will keep indefinitely. Its thorough dryness and the entire absence of any taint or unpleasant odor make it a most excellent form of food for chickens and other fowls, as also for dogs. It is excellent for hopper feeding and may be mixed and fed in a mash to great advantage. It contains 85 per cent. protein and 7 per cent. fat, and is clean and free of all preservatives and chemicals. 10 lbs., 50 cts.; 25 lbs., \$1.10; 50 lbs., \$2.10; 100 lbs., \$4.00.

PURE BEEF SCRAPS—An excellent egg making winter feed for fowls. 5 lbs., 25 cts.; 25 lbs., 90 cts.; 50 lbs., \$1.60; 100 lbs., \$3.00; 500 lbs., at \$2.90.

CRUSHED OR GRANULATED BONE—Splendid to be used in connection with other feeds to increase egg production; to be fed dry just as it is either in a hopper or to be scattered about as a scratch food. It is clean and dry, and will not sour. No. 2 for grown fowls, No. 3 for chicks and pigeons; No. 4 or Bone Meal for baby chicks. 6 lbs., for 25 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.40; 100 lbs., \$2.60.

CRUSHED OYSTER SHELLS—Indispensable for successful poultry keeping, as it aids digestion and the formation of egg shells. It is best to have it where the fowls can get at it all the time, as they will not eat any more than they need. In ordering please state whether the "fine" size is wanted for chicks and pigeons or the "regular" size for grown fowls. 6 lbs., 10 cts.; 25 lbs., 25 cts.; 100 lbs., 55 cts.; ton, \$8.00.

For Parcels Post Rates See Page 3.



PEARL POUlTRY GRIT—Manufactured especially for poultry. It is essential in the poultry yard, to keep fowls in a healthy condition. Size No. 1 for grown fowls; No. 2 for chickens and pigeons. 10 lbs., 15 cts.; 25 lbs., 30 cts.; 100 lbs., 60 cts.; ton, \$10.00.

D. & B.'S CHARCOAL—We have had this charcoal put up for us to meet the demand for an evenly graded charcoal, free from dust and useless dirt, and it is the best poultry charcoal manufactured.

"D. & B.'s" Charcoal aids digestion, promotes health, and is generally corrective of many of the poultry ills to which fowls are heir. A little charcoal goes a long way and is worth its weight in gold. No poultryman can afford to be without it. It is put up in three sizes—Fine: For Chicks. Medium: For half-grown Fowls and Pigeons. Coarse: For full-grown Fowls. Prices—2-pound cartons, printed with directions for feeding, 10 cts. each; 10 lbs., 40 cts.; 50-lb. sacks, \$1.00 each.

POULTRY MUSTARD—Prepared for poultry use, especially recommended for use during moulting seasons; keeps fowls in a healthy condition and increases the egg production. 1½-lb. pkg., 40 cts. (mailing weight 2 lbs.); 3-lb. pkg., 75 cts. (mailing weight 4 lbs.); 5-lb. pkg., \$1.25 (mailing weight 6 lbs.).

BLOOD MEAL—Splendid for poor, weakly fowls, also for calves and hogs, but too rich to feed much at a time. 10 lbs., 25 cts.; 25 lbs., \$1.10; 100 lbs., sack, \$3.75.

STERLINGWORTH SALT CAT—This is a scientific combination of those aromatic and tonic properties contained in such seed and roots as gentian, anise, coriander, etc., combined with sulphur, charcoal, limestone, salt, bone and other materials that are generally recognized by pigeon keepers as aiding digestion, promoting good health and egg production in pigeons and game fowls; and is unequalled for keeping pigeons in vigorous health. Pigeon-keepers who have used it give it an excellent recommendation. Price—Per brick, 10 cts. (mailing weight 17 oz.); per doz., \$1.00 (mailing weight 13 lbs.).

KAFFIR CORN—Splendid for growing or grown fowls, and a good feed. 10 lbs., 25 cts.; 100 lbs., \$2.00.

MILLET—A splendid food for baby chicks. 10 lbs., 30 cts.; 50 lbs., \$1.20; 100 lbs., \$2.25.

WHEAT—For poultry feeding. Per pk., 40 cts.; bu., \$1.35.

CRACKED CORN—50 lbs., \$1.00; 100 lbs., \$1.90.

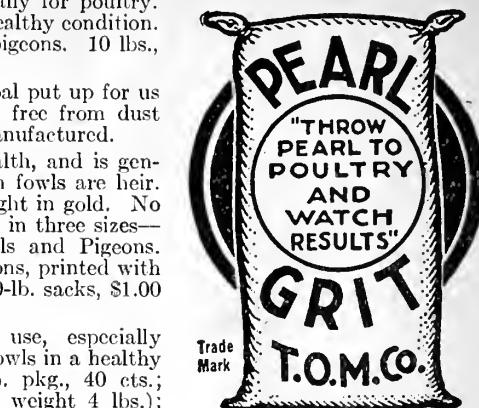
COARSE GROUND CORNMEAL—50 lbs., \$1.00; 100 lbs., \$1.90.

WHEAT BRAN—100-lb. sack, \$1.60.

SHIPSTUFF—100-lb. sack, \$1.75.

COTTON-SEED MEAL—100 lbs., \$1.60; ton price on application.

LINSEED MEAL—100 lbs., \$2.25; ton price on application.



SUNFLOWER—Rich food for grown fowls and parrots. Per lb., 10 cts.; 100 lbs., \$8.00

CANADA FIELD PEAS—A good food for poultry and pigeons. 10 lbs., 45 cts.; bu., \$2.60.

HEMP SEED—For pigeons, parrots and poultry. 1 lb., 10 cts.; 3 lbs., 25 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

BIRD RAPE—10 cts. lb.; 3 lbs. for 25 cts.

CANARY SEED—Per lb., 10 cts.

MIXED BIRD SEED—10 cts. lb.

CUTTLE FISH BONE—40 cts. lb.

FLAXSEED—1 lb., 7 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

Buckeye Incubators

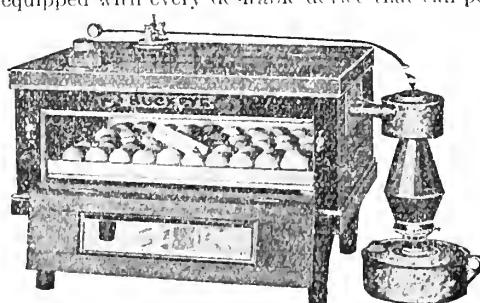
We are the authorized agents for the celebrated Buckeye Incubators.

These are hot-water machines, well made and easy to operate. Owing to the satisfactory operation and the moderate price at which they are sold, there are probably more Buckeye Incubators in use today than any other make.

These machines are sold under an absolute guarantee and with good treatment will last for years. They are so simple that a beginner can operate them without any previous experience. These incubators are equipped with every desirable device that can possibly add to Incubator efficiency and are pronounced by experts to be the world's best hatcher.

Full descriptive catalogue mailed free on request. If interested be sure and ask for one.

Style A—Double walls throughout; complete, with nursery; has short legs, capacity 60-eggs.	\$ 9 00
No. "60" (Standard)—Capacity 60 eggs.....	14 00
No. 1 (Standard)—Capacity 110 eggs.....	18 00
No. 2 (Standard)—Capacity 175 eggs.....	23 00
No. 3 (Standard)—Capacity 250 eggs.....	30 00
No. 4 (Standard)—Capacity 350 eggs.....	35 00
Style E—Has short legs; Capacity 60 eggs.....	7 50
Style H—Capacity 60 eggs.....	10 00



Buckeye Brooders

For extra parts see Buckeye Catalogue.

No. 1—Indoor.....	\$ 7 50	No. 4—Outdoor.....	\$18 00
No. 2—Outdoor.....	12 00	No. 5—Indoor, Lampless system.....	2 00
No. 3—Indoor.....	10 00	No. 6—Indoor, Lampless system.....	3 00

Buckeye Kant-Krowd Hover

This Hover is all that the name implies—and more. It is a hover that possesses every desirable qualification for the welfare of the little chicks and the convenience of the poultryman.

It proves every ideal condition, and its construction is so simple that its operation becomes a pastime instead of a burden.

There is nothing to adjust, nothing to get out of order, nothing to look after but the lamp—and that requires refilling only every 48 hours.

It is simple, safe, fireproof, liceproof, foolproof, convenient, economical, practical, sanitary and durable; is warmest at the curtain. The chicks can't crowd. It is portable, just drop it anywhere and light the lamp. Illustrated pamphlet on request. Price, \$8.50.

We have a few good Incubators and Brooders slightly used and shop-worn, but otherwise as good as new, which we offer as below until sold. This is an unusual opportunity to get good machines at a great saving until sold. All are Hot Air Machines.

	Original Price		Original Price		
64-Egg Cornell.....	\$ 9 00	\$14 00	50-Egg Bantam.....	\$ 5 00	\$11 00
128-Egg Cornell.....	12 00	20 00	120-Egg Bantam.....	12 00	18 50
364-Egg Cornell.....	25 00	37 00			

INCUBATORS.

	Original Price		Original Price
No. 2 Peep O Day Brooder. (For Indoor or Outdoor Use), Capacity 75 to 100 Chicks.....	7 50	12 00	
No. 3 Peep O Day Brooder (for Indoor or Outdoor Use), Capacity 50 Chicks.....	5 00	7 50	
No. 4 Peep O Day Brooder (for Indoor Use Only), Capacity 50 Chicks.....	5 50	8 50	
No. 6 Peep O Day Brooder (for Indoor or Outdoor Use), Capacity 100 Chicks.....	10 00	14 50	
New Homestead (Outdoor), Capacity 100 Chicks.....	8 00	12 00	
New Standard (Outdoor), Capacity 100 Chicks.....	7 50	9 00	

BROODERS.

	Original Price		Original Price
No. 2 Peep O Day Brooder. (For Indoor or Outdoor Use), Capacity 75 to 100 Chicks.....	7 50	12 00	
No. 3 Peep O Day Brooder (for Indoor or Outdoor Use), Capacity 50 Chicks.....	5 00	7 50	
No. 4 Peep O Day Brooder (for Indoor Use Only), Capacity 50 Chicks.....	5 50	8 50	
No. 6 Peep O Day Brooder (for Indoor or Outdoor Use), Capacity 100 Chicks.....	10 00	14 50	
New Homestead (Outdoor), Capacity 100 Chicks.....	8 00	12 00	
New Standard (Outdoor), Capacity 100 Chicks.....	7 50	9 00	

"D. & B.'S" LICE KILLER.

This is a fluid of such strength and so compounded that the gaseous vapor given off by it kills lice, mites and similar insects without coming in contact with them, and is not injurious to fowls, animals or poultry. It is very efficacious for destroying lice on fowls of all kinds, Horses, Cattle and Hogs. It also kills lice on roses and other flowering plants. It may be applied with an ordinary hand sprayer, or with a white-wash brush. We recommend the use of our glass tank sprayer. One quart bottle, 25 cts.

Conkey's Cures

These reliable remedies are well known and are guaranteed to cure when used according to directions. Our rapid increasing sales prove the efficiency of these valuable remedies. Pamphlet mailed free on request.

CONKEY'S CHOLERA CURE—50 cts. per package, postpaid.

CONKEY'S ROUP CURE—25 cts. and 50 cts. per package, postpaid.

CONKEY'S GAPE CURE—50 cts. per package, (mailing weight 2 lbs.).

CONKEY'S LAYING TONIC—25 cts. per package (mailing weight 2 lbs.).

CONKEY'S LICE POWDER—5-oz. package, 10 cts. (mailing weight 1 lb.).

CONKEY'S SCALY LEG CURE—50 cts. package (mailing weight 1 lb.).

CONKEY'S CHICKEN POX CURE—50 cts. per package (mailing weight 1 lb.).

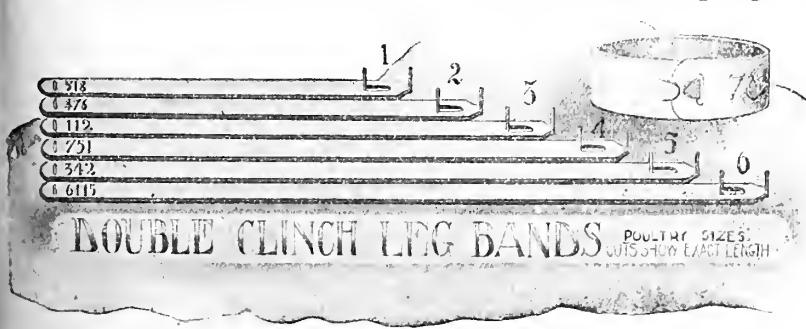
CONKEY'S LICE POWDER—5-oz. package 10 cts. (mailing weight 1 lb.); 15-oz. package, 25 cts (mailing weight 2 lbs.).

CONKEY'S LIQUID LICE KILLER—35 cts. per qt. can.

CONKEY'S WHITE DIARRHOEA REMEDY—50 cts. package, postpaid.

CONKEY'S POULTRY TONIC—25 cts. package (mailing weight 1 lb.).

CONKEY'S LIMBER NECK REMEDY—50 cts. package (mailing weight 1 lb.).



DOUBLE CLINCH ALUMINUM LEG BANDS—Made in all sizes from pigeons to largest fowls. Numbered consecutively from 1 to 100.

Write what breed of fowls wanted for and we will send proper size. Doz., 15 cts.; per 100, 75 cts., postpaid

Pratts

Animal and Poultry Regulator and Remedies

Satisfaction Guaranteed or Money Refunded.

PRATT'S POULTRY REGULATOR.



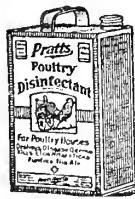
This is the original Poultry Regulator of America, in use by the most successful poultry raisers everywhere.

It is a guaranteed egg producer, and when regularly used, hens lay throughout the year.

It is a perfect digestive and tonic and will prevent chicken cholera, gapes, roup, rheumatism, expel worms, prevent leg weakness, egg eating. It also greatly improves turkeys, geese, ducks, pigeons and guineas—insuring quick, healthy growth.

4-lb. pkgs., 50 cts. (mailing weight 5 lbs.).
9-lb. pkgs., \$1.00 (mailing weight 10 lbs.).
25-lb. pails, \$2.50; 100-lb. bags, \$9.00.

PRATT'S POULTRY DISINFECTANT AND LICE KILLER.



If poultry keepers would regularly spray the chicken houses, roosts, dropping boards and utensils with Pratt's Poultry Disinfectant, most all their troubles would vanish. This great Disinfectant is a real wonder-worker in the poultry yard. Put up in 1-qt., 2-qt. and 1-gallon cans.

PRATTS ROUP REMEDY.

PILLS OR POWDER



is a scientific preparation GUARANTEED to prevent and cure roup, colds, canker, catarrh and diphtheria.

In severe cases individual treatment with the PILLS is the only sure method. For mild cases and as a preventive, crush the pills or use the powdered form, and mix in the drinking water. 25 cts. boxes (mailing weight 1 lb.); 50 cts. boxes (mailing weight 1 lb.); \$1.00 boxes (mailing weight 2 lbs.).

Pratts Head Lice Ointment—25 cts. boxes (mailing weight 1 lb.).

Pratts Gape Remedy—25 cts. boxes (mailing weight 4 oz.); 50 cts. boxes (mailing weight 1 lb.).

Pratts Scaly Leg Remedy—25 cts. boxes (mailing weight 1 lb.); 50 cts. boxes (mailing weight 1 lb.).

We Carry a Full Line of Pratt's Animal Regulator and Veterinary Remedies.

PRATTS BABY CHICK FOOD.

This is one of the greatest Money Savers and greatest Chick Savers ever placed on the market. Every man, woman or child who raises little chicks, turkeys, ducks and geese should try at least one package of Pratts Baby Chick Food. It is a scientific food ration to be fed for the first three weeks. If you want *real success* with your hatches, if you want to save all the baby chicks, if you want them to grow fast—get Pratts Baby Chick Food on our recommendation for your first trial, after that you will never be without it.

3-lb. pkgs., 25 cts. (mailing weight 4 lbs.).
6½-lb. pkgs., 50 cts. (mailing weight 8 lbs.).
14-lb. bags, \$1.00; 100-lb. bags, \$5.75.



PRATTS LICE KILLER.

(Powdered Form).

It quickly and thoroughly kills all lice on little chicks, big chicks, setting hens, and incubator chicks. It rids horses, cattle, hogs, dogs and cats of lice, and destroys ticks on sheep. It destroys insects and bugs on vines, plants and flowers. A valuable deodorizer and disinfectant, for all poultry houses, barns, stables and dwellings. Drives out moths from closets, furniture, carpets and clothing.

1-lb. pkg., 25 cts. (mailing weight 2 lbs.).
2½-lb. pkg., 50 cts. (mailing weight 3 lbs.).



PRATTS WHITE DIARRHOEA REMEDY.

This remedy will positively save many dollars worth of little chicks to poultry raisers. It has taken us nearly three years to find a remedy for White Diarrhoea and we are so sure that we have it in this article that we authorize our dealers throughout the world to refund the purchase price in case it fails. 25 cts. boxes (mailing weight 4 oz.); 50 cts. boxes (mailing weight 1 lb.).

Pratts Chicken Cholera Remedy—25 cts. boxes (mailing weight 1 lb.); 50 cts. boxes (mailing weight 1 lb.).

Pratts Sore-Head-Chicken Pox Remedy—25 cts. boxes (mailing weight 1 lb.); 50 cts. boxes (mailing weight 1 lb.).



Poultry Appliances

NORWICH AUTOMATIC EXERCISER AND FEEDER.

We are the State agents and distributors for the Norwich Automatic Exerciser and Feeder.

The machine consists of a Hopper sufficiently large to carry a given quantity of grain feed, in the bottom of which is fitted an adjusting valve, which is set to allow such quantities of feed to escape from the Hopper as may be desired. Directly under the valve is located the Deflector, and the feed, passing from the Hopper through the valve, falls at once to the Deflector, and by it is scattered on the ground or floor in a wide, even circle. The Bait Bar (which is the cross-piece under the Deflector resembling an ear of corn) is connected by adjustable rod with a small agitating disk which performs the double duty of acting as a stop to the valve, and stirring up the feed about to be delivered. The machine, as will be observed, is mounted on three adjustable legs so it will stand in any yard whether level or located on a hill-side, and may be used alike for baby chicks fresh from the incubator or the adult fowl, by simply lengthening or shortening the legs as desired.

We offer our Norwich Automatic Exerciser and Feeder on the *positive guarantee* that it will—

1st. Pay for itself in the actual saving of grain in ninety days, at the present price of grain.

2d. That it is absolutely Rat and Bird proof.

3d. That it is positively Rain and Damp proof, and the enormous loss of grain from feed becoming damp by laying on the ground over night will be eliminated.

4th. That every kernel of grain put in the Hopper will go into your flock and not a grain of it will be lost from any cause. (Fire excepted.)

5th. That the labor of feeding beyond filling the Hoppers when empty (the intervals depending on size of machine used) will be eliminated. "Fill up the Hopper and the birds do the rest." On large plants this feature will at once be appreciated, as one boy will do the feeding for 1,000 pens.

For further information ask for pamphlet.

Shipping Weight.

No. 1—8-Quart Hopper.....	13 lbs.....	\$2 50
No. 2—14-Quart Hopper.....	15 lbs.....	3 25
No. 3—20-Quart Hopper.....	20 lbs.....	4 00
No. 4—32-Quart Hopper.....	27 lbs.....	5 00

Five or more at one order, 5 per cent. discount.

APACO—Automatic—This Feeder works on the same principle as the Norwich Automatic, except it must be hung up when in operation as it has no legs to stand on. Holds 1 peck. Price, only \$1.00 each.

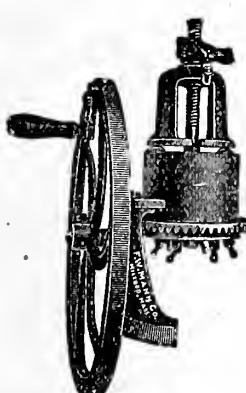
MANN'S GREEN BONE CUTTER—Unquestionably the best Bone Cutters on the market, and we recommend them with entire confidence.

No. 5 C—With crank handle, \$6.00.

No. 5 B—With balance wheel, \$8.00.

No. 5 B. M.—With balance wheel, mounted on iron stand, \$10.40.

No. 7—The best and most economical size to buy for a yard of 100 hens or more, \$12.00. Large sizes quoted on application. Complete pamphlet mailed free.



BONE CUTTER



FEEDER IN OPERATION

GALVANIZED IRON DRINKING FOUNTAIN—Has funnel-shaped reservoir top with pan at the bottom to hold water. Price: 1 qt., 25 cts. (mailing weight 1 lb.); 2 qt., 30 cts. (mailing weight 1 lb.); 4 qt., 40 cts. (mailing weight 2 lbs.); 8 qt., 50 cts. (mailing weight 4 lbs.).

GALVANIZED WALL DRINKING FOUNTAIN—A one-piece fountain with handle on top. 2 qt., 30 cts. (mailing weight 2 lbs.); 1 gal., 50 cts. (mailing weight 2 lbs.); 2 gal., 75 cts. (mailing weight 3 lbs.).

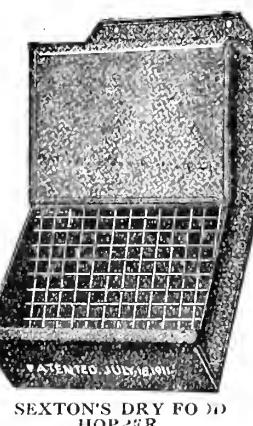
EARTHENWARE DRINKING FOUNTAINS—These are two-piece fountains with drinking basin at bottom. 1 qt., 20 cts. (mailing weight 3 lbs.); 2 qt., 25 cts. (mailing weight 5 lbs.); 4 qt., 35 cts. (mailing weight 9 lbs.); 8 qt., 50 cts. (mailing weight 17 lbs.).

EARTHENWARE WALL DRINKING FOUNTAINS—This is a one-piece fountain with handle on top. 2 qt. size, 30 cts. (mailing weight 5 lbs.); 4 qt. size, 50 cts. (mailing weight 8 lbs.); 8 qt. size, 60 cts. (mailing weight 12 lbs.).

SEXTON'S DRY FOOD HOPPERS—With wire screen in front. Mice and rain-proof. 4 qt. size, 75 cts. (mailing weight 4 lbs.); 8 qt. size, \$1.00 (mailing weight, 6 lbs.).

GRIT, SHELL AND CHARCOAL BOXES—3 partitions, 50 cts. (mailing weight 3 lbs.).

2 PARTITIONS DRY FOOD HOPPER—75 cts. (mailing weight 4 lbs.).



For Parcels Post Rates See Page 3



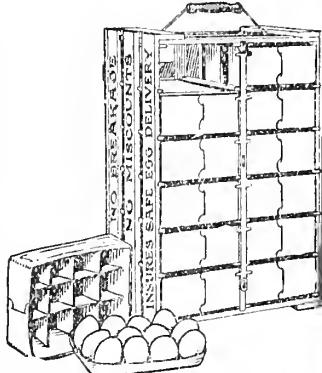
BABY CHICK FEEDERS

BABY CHICK FEEDERS—A round metal Feeder holding 2 qts.; keeps feed clean and prevents waste; 50 cts. each (mailing weight 2 lbs.).

POULTRY FOOT PUNCHES—35 cts. each, postpaid.

FARMERS' MODERN EGG CARRIERS

FARMERS' MODERN EGG CARRIERS—A handy and convenient carrier for marketing eggs. Can be carried by hand or shipped by express. Trays hold 1 dozen each. 8-dozen Carrier, \$1.00 each (mailing weight 6 lbs.); 12-dozen Carrier, \$1.25 each (mailing weight 8 lbs.); 18-dozen Carrier, \$1.75 each (mailing weight 11 lbs.).



FARMER'S EGG CARRIER

PARCEL POST EGG BOXES—Made of strong corrugated paper, will carry eggs safely by parcel post or express; can be used repeatedly. 1-doz. egg size, 7 cts. each, 60 cts. doz. (mailing weight 1 lb. each); 2-doz. size, 10 cts. each, 90 cts. doz. (mailing weight 2 lbs. each); 3-doz. size, 12 cts. each, \$1.15 doz. (mailing weight 2 lbs. each); 4-doz. size, 15 cts. each, \$1.50 doz. (mailing weight 3 lbs. each).

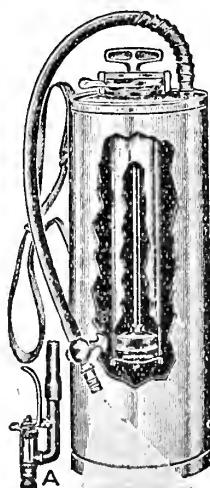
PASTEBOARD EGG BOXES—For holding 1 doz. eggs, neatly packed; per doz., 10 cts. each; 75 cts. per 100 (mailing weight 2 lbs. to 1 doz.).

Pumps and Spraying Devices

AUTO SPRAY No. 1—Accepted as the standard in compressed air sprayers and fully guaranteed by the manufacturers. Useful in every variety of spraying, trees, crops, whitewash and disinfectants. Recommended not alone because of its durability, but for its efficiency, which is far ahead of any other machine of this style.

Auto Pop No. 1, the only self-cleaning nozzle and operates automatically.

A—Brass tank with stop cock.....\$7.00
 B—Brass tank with Auto Pop No. 1...7.50
 C—Galvanized tank with stop cock....4.50
 D—Galvanized tank with Auto Pop No. 1 5.00
 2-ft. brass extension, per length.....50

PATENTED
AUTO SPRAY No. 1

STAR EGG CARRIERS—A handy wooden case, holding 1 dozen eggs—easy to handle, avoids breakage and miscounts. 25 cts. each (mailing weight 1 lb.); \$2.50 dozen (mailing weight 13 lbs.).

STANDARD EGG TESTERS—Price 25 cts. (mailing weight 4 oz.).

TYCO INCUBATOR THERMOMETERS—Adjustable, can be used in any machine. Price, 60 cts. (mailing weight 4 oz.).

BROODER THERMOMETERS—Price, 50 cts. (mailing weight 3 oz.).



KNOX MEDICATED NEST EGGS—5 cts. each (mailing weight 4 oz.); doz., 50 cts. (mailing weight 2 lbs.).

PORCELAIN NEST EGG—2 for 5 cts. (mailing weight 1 lb.); 20 cts. doz. (mailing weight 1 lb.).

LEADER ALUMINUM LEG BANDS—Adjustable, and can be made in different sizes to fit the fowls. Numbered consecutively from 1 to 100.

No. 1—For small breeds.

No. 2—For large breeds, 15 cts. doz.; 100, 75 cts., postpaid.

DOUBLE CLINCH ALUMINUM LEG BANDS

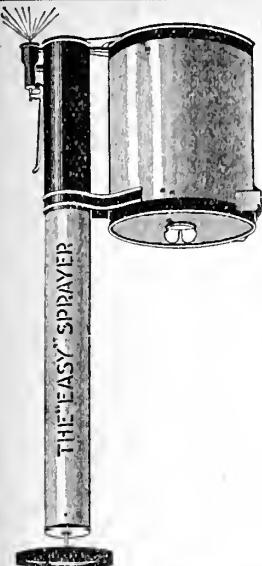
—In all sizes from pigeons to largest fowls. Numbered consecutively from 1 to 100. Write what breed of fowls wanted for and we will send proper size. 15 cts. doz.; 75 cts. 100, postpaid.

COLORED LEG BANDS—These have large, bright, fast-colored numbers in different colors, which can be easily seen without catching the fowls; they are adjustable to fowls of all sizes. Per doz., 35 cts.; per 100, \$2.00, postpaid.

JUNIOR PUMP SPRAYER—This pump requires no fastening of any kind, holds itself down and works anywhere. Everything except handle and hose are solid brass. Is the easiest working and will do more different kinds of work than any pump made. Will pump from a pail, barrel, tank, spring or creek, without fastening of any kind. Weighs only three pounds. Ready for instant use everywhere. Will throw solid continuous streams, one flat spray and one fine round spray. Has automatic mixer to keep solution stirred. Price, \$3.00 (mailing weight 3 lbs.).

ACRE AN HOUR SIFTER—A strong, 1 gallon-size, bucket shaped duster with stationary handles, has perforated bottom for sifting powders on plants. 50 cts. each (mailing weight 1 lb.).

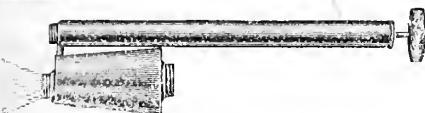




**THE "EASY"
COMPRESSED AIR
SPRAYER.**

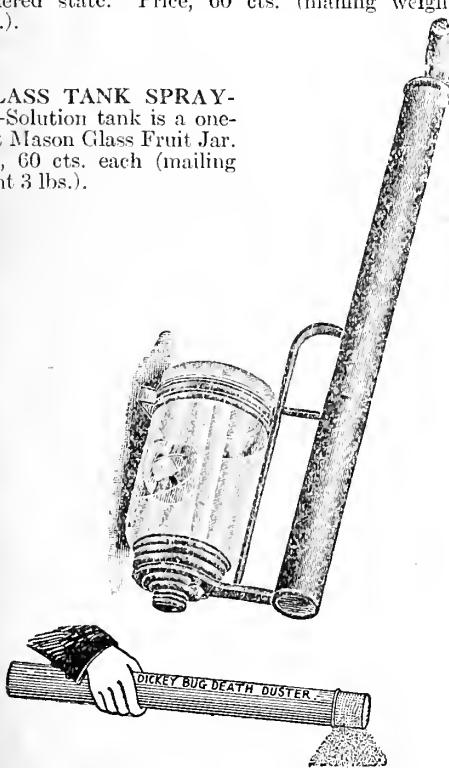
The only one of its kind on the market. Strong, durable, when pumped slowly gives a continuous spray.

Has a large and strong pump. Automatic shutoff nozzle. Can be used for white-washing, disinfecting and cleaning chicken houses, and is very desirable for gardens, etc. It is built of galvanized steel. Holds one gallon. Each, \$2.25 (mailing weight 3 lbs.).



DRY POWDER DUSTER—This is for dusting, Slug Shot, Bug Death, or any insecticide in a powdered state. Price, 60 cts. (mailing weight 2 lbs.).

GLASS TANK SPRAYER—Solution tank is a one-quart Mason Glass Fruit Jar. Price, 60 cts. each (mailing weight 3 lbs.).



DICKEY DUSTERS—A small long cylinder duster for applying dry powder on plants, 25 cts. each (mailing weight 1 lb.).

IDEAL SPRAYER—This sprayer is mounted on a wheelbarrow frame, can be rolled from place to place, has strong force pump, and by using extension pipe can spray on the ground or any distance up to 30 feet high. Tank holds 15 gallons. Price \$20.00.

BUCKET DUSTERS—Has perforated bottom for applying dry powder poisons on vegetables; 2-qt. size, 30 cts.; 4-qt. size, 40 cts. (mailing weight of each size 2 lbs.).

MEHLER'S HANDY GARDENER

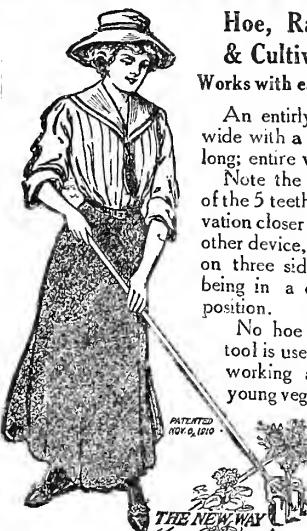
**Hoe, Rake, Weeder
& Cultivator In One**

Works with ease—Saves the knees

An entirely distinct tool 5½ in. wide with a special handle 4½ ft. long; entire weight 2 lbs.

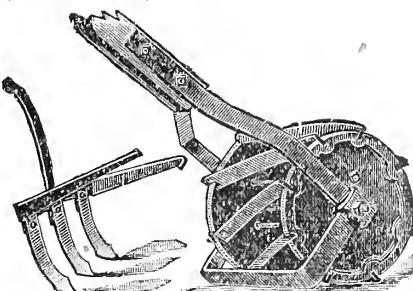
Note the special arrangement of the 5 teeth, which allows cultivation closer to the plant than any other device, and at the same time on three sides at one stroke; you being in a comfortable standing position.

No hoe is needed where this tool is used; just the thing for working among flowers and young vegetable plants. Send for descriptive circular.



75c each

BARKER'S WEEDER AND MULCHER—This hand weeder is made on the order of a roller, and cuts every sprig of grass and weeds and mulches and pulverizes the ground at one operation. Especially recommended for cultivation of onions and other small vegetables. 6-in. width, \$4.00; 8½-in. width, \$4.75; 11-in. width, \$5.00.



THREE-PRONG HAND WEEDERS—15 cts. each (mailing weight 4 ozs.).

GARDEN TROWEL—Made of the best steel, 25 cts. each (mailing weight 1 lb.).

GARDEN LINE—50 feet long, 25 cts. (mailing weight 1 lb.).

JUTE TWINE for bunching vegetables, tying up tomatoes, grape vines, etc., 2-ply or 3-ply, 16 cts. lb.; 5 lbs. and over, at 15 cts.

BINDER TWINE—Standard, 5-lb. ball, 70 cts.; 50-lb. bale, \$6.00.

HOT BED SASH—Open sash (without glass) yellow pine, grooved, 90 cts. each. Cypress, grooved or rabbited, \$1.00 each.

GLASS FOR HOTBED—Per box of 150 lights, 6 x 8, \$2.60; per box of 90 lights, 8 x 10, \$2.60.

BERRY BASKETS—1,000 to the crate, qt. size, \$3.75 per 1,000; pint size, \$3.75 per 1,000.

FRUIT BASKETS—2-qt. size, per 1,000, \$8.50.

FOUR-QUART PEACH BASKETS—Per 100, \$1.25; 1,000, \$10.00.

ASPARAGUS KNIVES—40 cts. each (mailing weight 6 ozs.).

PULVERIZED SHEEP MANURE—A pure, natural nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil for greenhouse plants. In the vegetable garden it

promotes a rapid, steady growth until maturity. It makes a rich liquid manure. Applied in fall or spring. In packages, 1 lb., 10 cts.; 5 lbs., 25 cts.; 10 lbs., 40 cts. Write for prices if large quantities are wanted.

D. & B.'S PURE GROUND BONE—For use on pot plants, gardens, and lawns. Directions on package, 6-lb. pkgs., 25 cts. Sufficient for 300 square feet (mailing weight 7 lbs.).

D. & B.'S HIGH-GRADE FERTILIZER—Produces rapid growth and quick maturity of all vegetables. 6-lb. pkgs., 25 cts. (mailing weight 7 lbs.). For 500 running feet.

STERLINGWORTH PLANT TABLETS

A NEW INVIGORATOR FOR HOUSE PLANTS AND VEGETABLES

STERLINGWORTH PLANT TABLETS are a clean, odorless, concentrated, plant stimulant and invigorator. Their use promotes healthy, vigorous leaves and branches, and insures beautiful, luxuriant flowers. They build up the soil scientifically, and make frequent renewal of soil less important. The large amounts of waste matter in what is commonly known as "liquid manure," and "bone plant foods," which pollute the soil, and are many times accompanied by disagreeable odors, are absent in these excellent stimulating tablets. If you want luxuriant, healthy plants, ferns and beautiful flowers, these tablets are just what you are looking for.

PRICES: Large box (250 tablets) sufficient 35 plants 8 months, 50c postpaid; medium, (100 tablets) sufficient for 35 plants 3 months, 25c postpaid; trial size, 10c.

Insecticides

Poisons Cannot be Sent by Parcel Post.

HAMMOND'S SLUG SHOT—A very effective and one of the cheapest and best powders for destroying insects. 5-lb. pkg., 30 cts.; 100-lb. lots at 5 cts. per lb. Filled 1-lb. canisters, with perforated top ready for dusting on, 15 cts. each.

Pamphlet giving full information mailed on request.

BUG DEATH—A safe and, sure insect destroyer. Will not burn the vine or leaf. Promotes growth and increases yield. Harmless to animals. Safe to handle. Will not wash off. If desired, may be mixed with water, using $\frac{1}{4}$ pound Bug Death to 1 gallon water. Lb., 15 cts.; 3-lb. pkg., 35 cts.; 5 lbs., 50 cts.; 12 $\frac{1}{2}$ lbs., \$1.00; 100-lb. keg, \$7.50.

SULPHUR—To be used on Irish potatoes tubers when planting. 8 cts. per lb.; 10 lbs. or over, at 5 cts. per lb. Barrel price on application.

STERLINGWORTH LIQUID BORDEAUX

It is a remedy and preventive for treating certain fungous diseases. It controls and prevents certain scab, leaf spot and sooty mold of the apple, and many of the rusts, leaf blights of currant and gooseberry, celery and pear blight, also many fungus diseases, blights and leaf spots that attack shade trees. Prices—1 qt., 35 cts.; 1 gal., \$1.00; 5 gal., \$4.00.

BORDEAUX MIXTURE—We can supply this in pulp, also to be diluted 10-to-20 parts with water and sprayed. A splendid preparation, ready for immediate use; works freely in any sprayer without clogging. 1-lb. jars, 25 cts.; 5-lb. pkgs., 75 cts.; 25-lb. pkg., \$3.00.

Write for prices in large quantities.

We also offer Bordeaux Mixture in powdered form to be diluted. Full directions on each pkg. 1-lb. pkg., 25 cts.; 5-lb. pkg., \$1.00; 10-lb. pkg., \$1.75.

STERLINGWORTH FISH OIL SOAP WITH TOBACCO

Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. 1 lb., 15 cts.; 5 lbs., 60 cts.

SULPHUR FUMIGATING CANDLES—They contain sufficient sulphur to burn three hours. They are excellent for ridding poultry houses, dog kennels, cellars, outhouses, etc., of certain insect pests and many disease germs. Price—15 cts. each (mailing weight 1 lb.); per doz., \$1.50 (mailing weight 4 lbs.).

STERLINGWORTH CUT WORM KILLER

It is a coarse powder for sprinkling near the plants to be protected. It has an enticing odor and the worms prefer to vegetation. It is non-poisonous; chickens or birds will not be poisoned if they eat the worms killed by it. Price 1 lb., 25 cts.

INSECTICIDES—Continued.

GUARANTEED
CATTLE OIL

We guarantee this preparation or we will return the purchase price. Thousands of cans have been sold under the "Money-back" guarantee and we thoroughly believe that **Guaranteed Cattle Oil** is more lasting and satisfactory than any other fly oil manufactured. We claim that when properly used it will protect cattle all day in ordinary weather. It does not blister the animal or taint the milk and is not disagreeable to use. Prices—1 qt., 25 cts.; 1 gal., 75 cts.



PARIS GREEN—Is effectual for destroying potato bugs and other insects. Is a very strong poison, and should be used carefully. Mix 1 lb. Paris Green to 50 lbs. of plaster or with water 150 gallons. $\frac{1}{4}$ lb., 10 cts.; $\frac{1}{2}$ lb., 15 cts.; 1 lb., 25 cts.; 5-lb. pkg., at 23 cts. lb.

LEMON OIL INSECTICIDE—For destroying mildew and insects on house plants, poultry and pet stock. $\frac{1}{2}$ -pt. can, 25 cts.; 1-qt. can, 40 cts.

LIME AND SULPHUR WASH—For spraying fruit trees and all nursery stock. For destroying San Jose scale and other diseases and insects. Qt., 25 cts.; gal., 75 cts.; 5 gal., \$2.00; 10 gal., \$3.25; bbl. of 50 gals., \$10.00.

ARSENATE OF LEAD—For destroying insects and diseases on vegetables and shrubs. Lb., 20 cts.; 5 lbs., 90 cts.; $12\frac{1}{2}$ lbs., \$2.00.

POWDERED ARSENATE OF LEAD—This should be mixed thoroughly with a small quantity of water to a cream consistency, then add the required amount of water according to recommendations on package. 1-lb. pkg., 40 cts.; 5-lb. pkg., \$1.75.

TOBACCO DUST—A splendid insecticide to dust on melons and all vegetable plants to destroy insects. It also acts as a fertilizer. $3\frac{1}{2}$ -lb. pkg., 15 cts.; 25 lbs., 50 cts.; 75 lb., \$1.00; 100 lbs., \$1.25; 1,000 lbs., \$10.00.

STERLINGWORTH FLY DRIVER—OR CATTLE COMFORT—This is a most excellent preparation for spraying cattle and stock of all kinds to keep off flies and all other insects. Use 1 qt. to 2 gallons of water. 1 qt., 50 cts.; 2 qts., \$1.00.

CHLORO-NAPTHOLEUM—A splendid disinfectant to be used around stables, cow barns, hog pens, poultry houses, etc. Is also recommended for spraying stock to keep off flies and other insects and is a preventive and cure for sores, scabs and other skin diseases. Dairymen and stock raisers will find it very profitable to use this disinfectant. 1 qt., 60 cts.; 2 qts., \$1.00; 1 gal., \$1.50.

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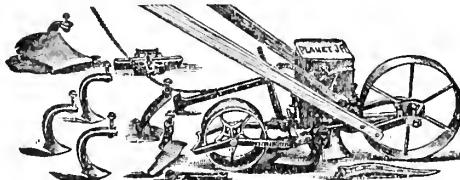


Planet Jr. Garden Tools



Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your order to us you can rely on getting bottom prices.

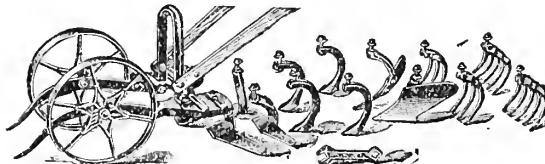
No. 4 PLANET JR., COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW.



Price Complete, \$10.50. Weight, 53 lbs.

As a Seeder Only, \$8.50. Holds 2 1/2 Quarts of Seed. This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow.

No. 11 PLANET JR. DOUBLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.



Steel Frame.

Price with attachments as in cut, \$8.50. Weight packed, 39 lbs.

The hoes are the most valuable of all the wheel hoe attachments; are oil tempered and polished. Use the 4-inch for 6, 10 or 12-inch rows; the 6-inch for rows 12 inches and upwards.

The plows are invaluable; use them with points together for opening furrows for manure, seed, etc.; then exchange sides for covering; use them also for plowing away from or toward the crop, both sides at once.

The cultivating teeth for deep or shallow work, and for marking out.

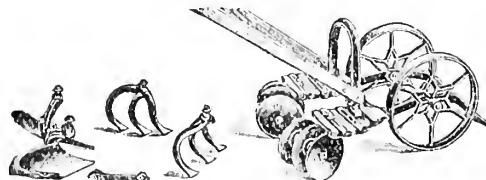
Leaf lifters save time and enable fine work to be done close to the row without additional labor, when plants are large or leaves are flat on the ground.

No. 12 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW.

Price, \$6.50. Weight, 34 lbs.

This tool is identical with No. 11 Wheel Hoe, except that it has one pair plows, one pair hoes, two pairs cultivator teeth and a pair of leaf lifters only, and is sold at a correspondingly less price. The tools sold with No. 12 are what gardeners use most, and the others can be added as wanted.

No. 14 PLANET JR. DOUBLE WHEEL DISC HOE, CULTIVATOR AND PLOW.



Steel Frame.

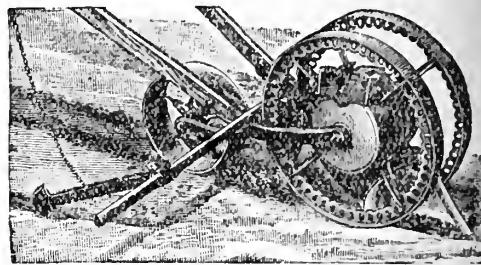
Price, with Attachments, as in cut, \$7.50. Weight, 38 lbs.

This new tool will give excellent satisfaction; is especially pleasing to all who work peat bogs. There are three oil tempered discs on each side. The frame is steel.

The set of prong cultivator teeth are constructed on entirely new lines, and will be found invaluable in general cultivation.

The plows are the regular Planet Jr. model and are continually valuable for furrowing, covering and plowing.

No. 2 PLANET JR. DRILL SEEDER.



Price, \$7.00. Holds 3 Quarts. Weight, packed, 37 lbs.

The No. 2 is one of the first really good seed drills ever made in the United States. It has given excellent satisfaction for thirty years, and continues to do so, today.

No. 16 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.



Steel Frame.

Price, \$5.35. Weight, 25 lbs.

We offer these Single Wheel Hoes as the highest type of their class. They have a great variety of tools which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

Nos. 16 and 17 wheels, frames and handles are alike, but the attachments sold with each vary.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

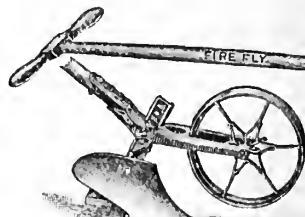
All our wheel hoe tools are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil tempered, finely formed, finished and polished and work to a charm.

No. 17 PLANET JR. SINGLE WHEEL HOE.

Price, \$4.50. Weight 23 lbs.

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

FIRE-FLY GARDEN PLOW.



Price, \$2.25. Packed, weight 14 lbs.

This tool is exceedingly useful to owners of small gardens. It will throw a furrow four to six inches wide and one to three inches deep. Furrows for manure or seeds can be opened and covered. In cultivating, plow away, weed and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.

Diggs & Beadles' High-Grade Fertilizers

We have these brands manufactured especially to meet the requirements of the different crops for which they are recommended. We believe in the liberal use of Potash, and have kept this in mind in the manufacture of these special brands.

On account of conditions now existing in Europe, Potash is not only much higher than usual, but hard to get at any price, and very few fertilizer manufacturers are supplying more than 3 per cent. of Potash in any of their fertilizers, but at considerable trouble and expense we are now able to offer the following brands with analysis.

Our sales on D. & B.'s brands are increasing yearly, which is conclusive proof of their sterling merit. Our customers who once use these brands are always sure to use them again. We recommend them with utmost confidence.

DIGGS & BEADELS' SPECIAL FOR VEGETABLES.

This is our complete high-grade Fertilizer for cabbage, early potatoes and all vegetables requiring a quick and strong plant food. It is one of the best Fertilizers for early crops. It does not fire or burn the crops, as many other high-grade goods.

Guaranteed Analysis.

Phosphoric acid available.....	8 to 10 per cent.
Ammonia.....	7 to 8 per cent.
Potash.....	5 to 6 per cent.
Per 100-lb. sack, \$2.35; per 200-lb. sack, \$4.40; per ton, \$43.00.	

DIGGS & BEADELS' POTATO AND BERRY GROWER.

In this brand we have a complete, well-balanced Fertilizer for potatoes and berries, and it fills a long-felt want. It is intended for either early or late potatoes. It has just the required nitrogen to force the growth and make vigorous vines, and a larger per cent. of potash to mature the crop. We also recommend it highly for top-dressing berries in the spring. It will produce a good growth of vines and greatly increase the yield of berries.

Guaranteed Analysis.

Phosphoric acid available.....	8 to 10 per cent.
Ammonia.....	5 to 6 per cent.
Potash.....	8 to 9 per cent.
Per 200-lb. sack, \$4.30; per ton, \$42.00.	

DIGGS & BEADELS' SWEET POTATO AND GRAIN GROWER.

A complete Fertilizer for sweet potatoes, late Irish potatoes and all grain crops. Will also give excellent results on early potatoes where land is rich or when manure is also used with it.

Guaranteed Analysis.

Phosphoric acid available.....	8 to 10 per cent.
Ammonia.....	2 to 3 per cent.
Potash.....	5 to 6 per cent.
Per 200-lb. sack, \$2.90; per ton, \$28.00.	

DIGGS & BEADELS' GARDEN GUANO.

This is a complete Fertilizer at a moderate price. It is suitable for all vegetable crops, as well as field crops. Only regulate the quantity used by the condition of the soil, and the crop it is used on, viz., cabbage and potatoes would require twice as much as would corn or peas. For the convenience of small gardeners, and farmers who do not need 200 pounds, we have this put up also in 100-lb. sacks.

Guaranteed Analysis.

Phosphoric acid available.....	8 to 10 per cent.
Ammonia.....	2 to 3 per cent.
Potash.....	3 to 4 per cent.
Per 100-lb. sack, \$1.45; per 200-lb. sack, \$2.60; per ton, in 200-lb. sacks, \$25.00.	

DIGGS & BEADELS' CORN GROWER.

An excellent Fertilizer at a moderate price, for corn and other grain and grass crops, field peas and beans.

Guaranteed Analysis.

Phosphoric acid available.....	8 to 10 per cent.
Ammonia.....	1 1/4 to 2 per cent.
Potash.....	2 to 3 per cent.
Per 200-lb. sack, \$2.30; per ton, \$22.00.	

DIGGS & BEADELS' PURE RAW BONE MEAL.

A pure, unadulterated Bone of the highest grade possible to obtain, and will drill in any machine.

Guaranteed Analysis.

Ammonia.....	4 1/2 per cent.
Phosphoric acid available.....	23 per cent.
Per 200-lb. sack, \$3.70; per ton, \$36.00.	

Per 200-lb. sack, \$3.20; per ton, \$31.00.

Virginia-Carolina Chemical Company's Standard Brands of Fertilizers

VIRGINIA TRUCKERS.

A high-grade vegetable Fertilizer, especially recommended for Irish potatoes and other quick-growing crops.

Guaranteed Analysis.

Phosphoric acid available	8 to 10 per cent.
Ammonia	5 to 6 per cent.
Potash	5 to 6 per cent.
Per 200-lb. sack, \$3.80; per ton, \$37.00.	

STAR BRAND VEGETABLE.

A well-known vegetable Fertilizer for peas, tomatoes, melons and all vine crops.

Guaranteed Analysis.

Phosphoric acid available	8 to 10 per cent.
Ammonia	4½ to 5½ per cent.
Potash	4 to 5 per cent.
Per 200-lb. sack, \$3.60; per ton, \$35.00.	

CAPITAL TRUCK.

A reliable Fertilizer for all vegetables.

Guaranteed Analysis.

Phosphoric acid available	8 to 10 per cent.
Ammonia	4 to 5 per cent.
Potash	3 to 4 per cent.
Per 200-lb. sack, \$3.20; per ton, \$31.00.	

BLUE RIBBON GRAIN GROWER.

This is one of the best grain and grass Fertilizers at the price that was ever put on the market, as can be seen by the analysis.

Guaranteed Analysis.

Phosphoric acid available	16 to 18 per cent.
Ammonia	1.21 to 2 per cent.
Potash	3 to 4 per cent.
Per 200-lb. sack, \$3.00; per ton, \$29.00.	

Swift's Bone Fertilizers

We are the authorized agents for Swift's High-Grade Fertilizers, and we highly recommend them to all wanting a complete Fertilizer made from a Bone Basis. Our customers who have used these goods are loud in their praise of them. The goods are put up dry and light and drill perfectly.

SWIFT'S MARKET GARDEN MANURE.

A good Fertilizer for early corn, peas, beans, and other vegetables.

Guaranteed Analysis.

Phosphoric acid available	8 to 10 per cent.
Ammonia	4 to 5 per cent.
Potash	3 to 4 per cent.
Per 200-lb. sack, \$3.20; per ton, \$31.00.	

SWIFT'S VEGETABLE AND FRUIT GROWER.

A good Fertilizer at a moderate price for vegetable and grain crops.

Guaranteed Analysis.

Phosphoric acid available	8 to 10 per cent.
Ammonia	2 to 3 per cent.
Potash	3 to 4 per cent.
Per 200-lb. sack, \$2.60; per ton, \$25.00.	

*If you will kindly send us below names and addresses of your
friends and neighbors who buy Seeds or Poultry Supplies, we
will take pleasure in mailing each of them our catalogue.*



D. & B.'s Finest Mixed Lawn Grass

We have made a careful study of the difficulties met with in making a permanent lawn, and the result of our efforts is this splendid mixture.

This special mixture is composed entirely of the very highest grade, and most suitable grasses, as respects color, texture and permanency.

It is far better than the Kentucky Blue Grass, as it produces beautiful green velvety sward in quicker time (which is in 6 to 8 weeks from time of sowing) and is of more permanent lasting qualities. It is better adapted to the various soils, and stands the heat and drought of summer as well as the severe cold better than any of the various mixtures so commonly offered.

That we have been successful in securing the most desirable combination is shown in the character of the fine lawns produced from this seed in our city parks, and in beautiful Hollywood and Oakwood cemeteries, as well as many country estates who use this mixture in very large quantities.

It should be kept in mind, when comparing prices, that this mixture is all of the choicest, cleanest and heaviest seeds; is entirely free from weed seeds, and weighs 20 pounds to the measured bushel, as compared with the legal weight of 14 pounds. Price, per lb., 25 cts.; 5 lbs., \$1.00; 10 lbs., \$2.00; 25 lbs., \$4.75; 100 lbs., \$18.00.

Preparation and Care of Lawns.

The proper preparation of the ground in starting a new lawn is essential. This is too often neglected. The ground should be deeply ploughed, or spaded deep enough to leave a bed of loose earth 4 to 6 inches deep. This should be thoroughly pulverized and raked, removing all sticks, roots and stones. After getting the ground perfectly smooth, put on an application of Raw Bone Meal, at the rate of 5 pounds to the 300 square feet or 1,000 pounds to the acre. DO NOT USE STABLE MANURE; it is unsightly, and is also a hotbed of weed seeds and worms (the very thing to be guarded against in laying a foundation for a lawn.) Sow the seeds at the rate of 1 pound to the 300 square feet, or about 18 feet each way, 4 bushels to the acre. The land should then be gone over with a heavy roller, or the seed raked in thoroughly with a small hand-rake. The best months for seeding a lawn are February, March, April or October. Let the grass get a start of 4 inches before cutting, as too early cutting retards growth; after this cut every ten days, and watering thoroughly once a week in the evening is sufficient, watering every day has a tendency to keep the roots of the grass near the surface, and they are likely to be burnt out by the hot midday sun.



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DIGGS & BEADLES

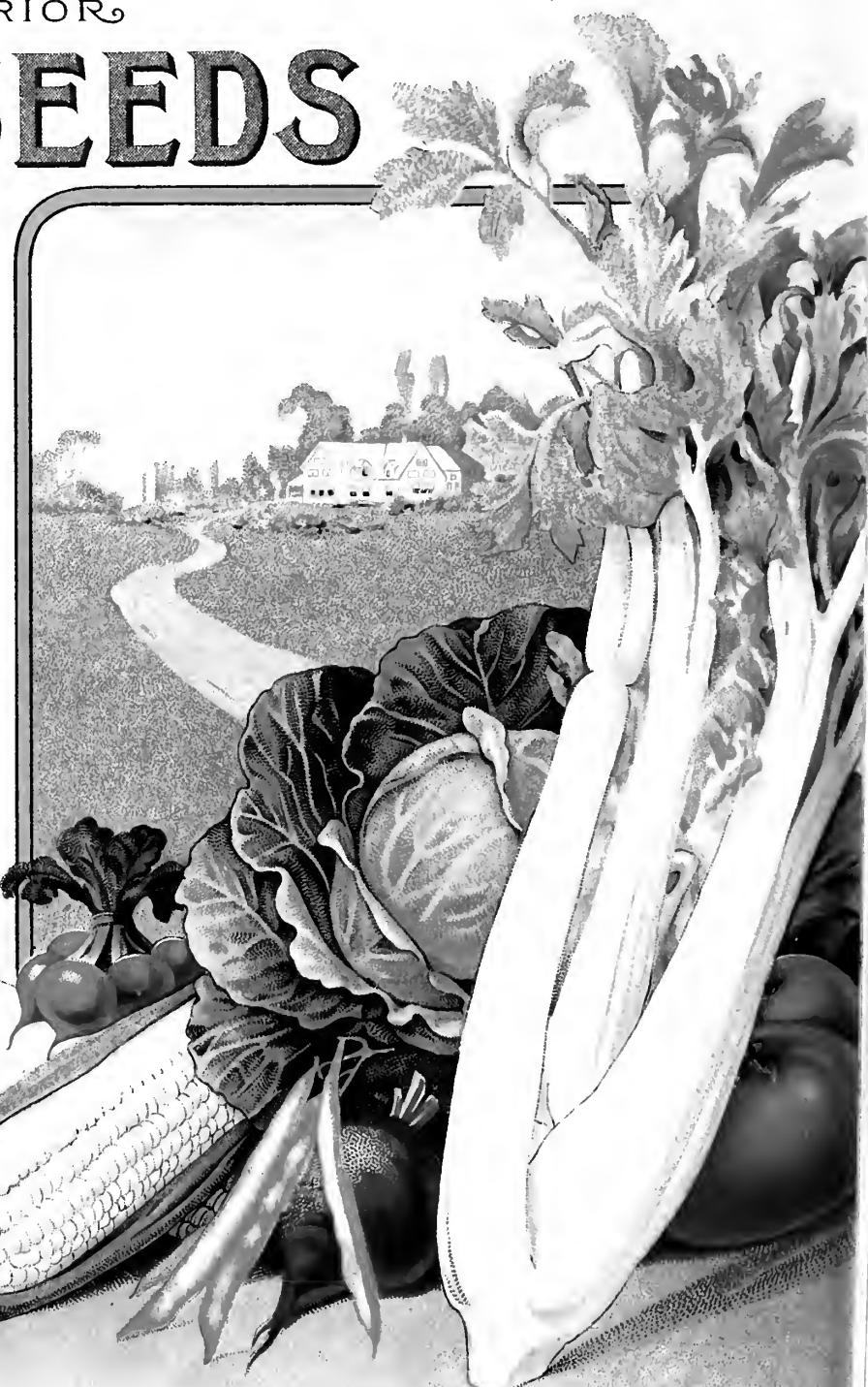
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